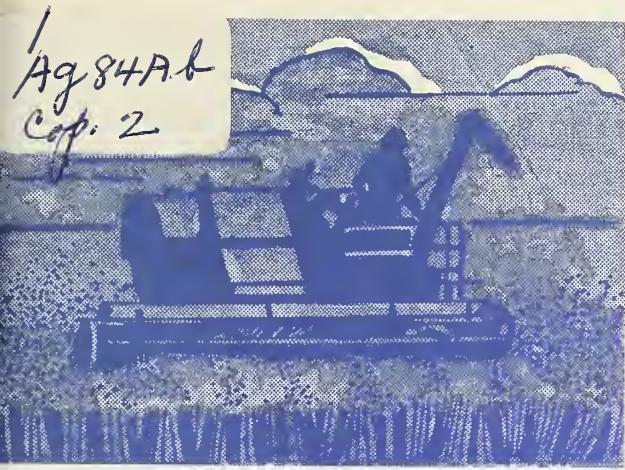


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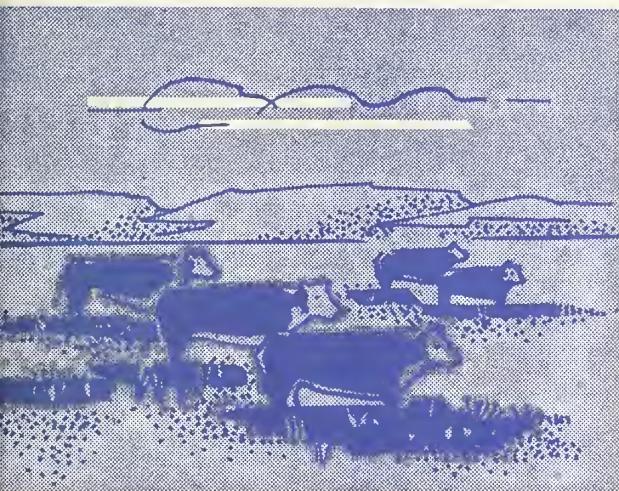


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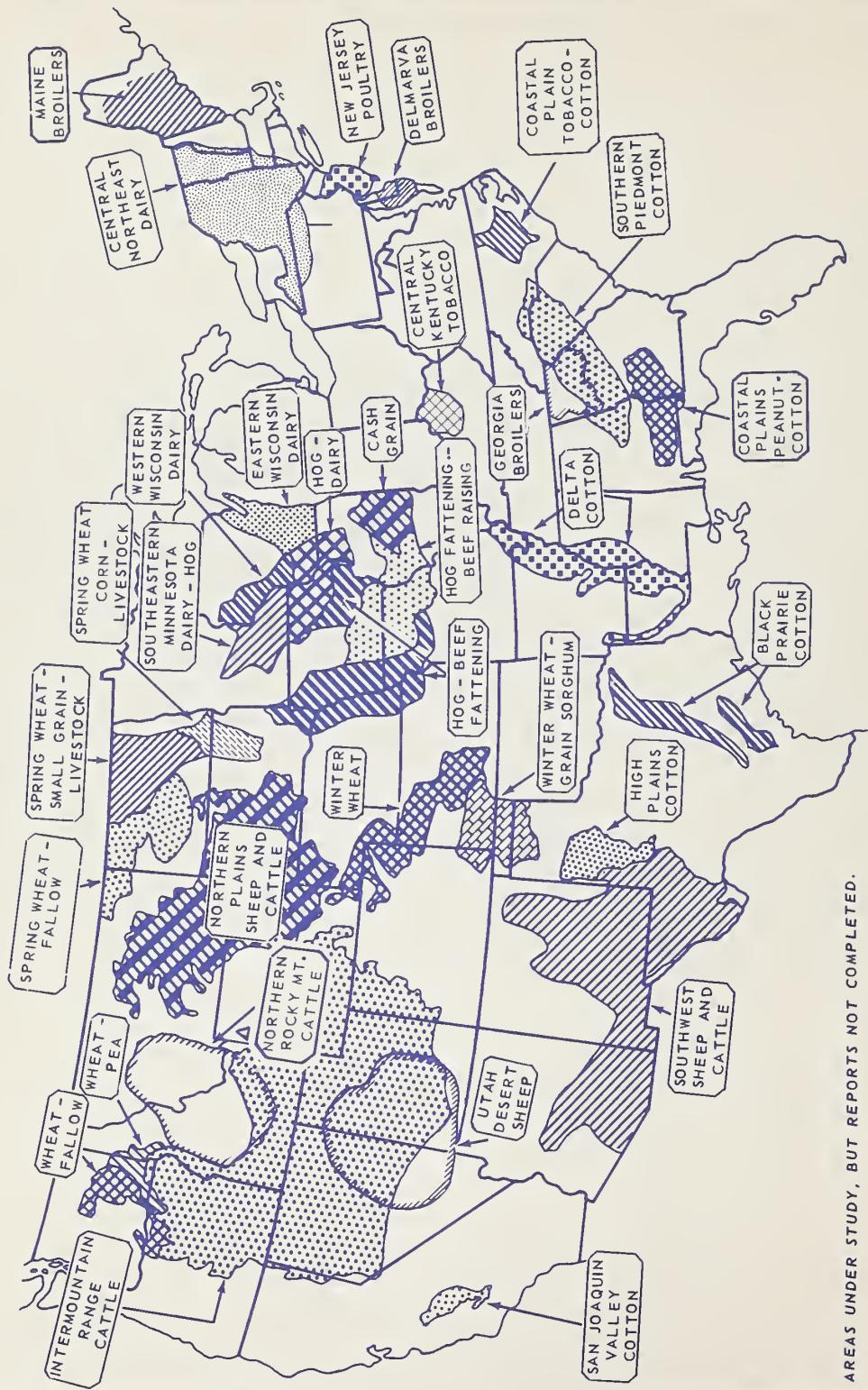
commercial farms
by type, size,
and location



U. S. Department of Agriculture
Economic Research Service
Washington, D.C.

Agriculture Information Bulletin No. 230
Revised August 1965

LOCATION OF TYPES OF FARMS STUDIED



U. S. DEPARTMENT OF AGRICULTURE

NEG. ERS 133-65 (3) ECONOMIC RESEARCH SERVICE

Figure 1

PREFACE

This annual report contains summary estimates of costs and returns for 1964 and earlier years on 42 important types of commercial farms in 24 major farming areas in the United States, together with a brief analysis of changes that have occurred in production, prices, income, and costs for each of these types of farms.

This is the 19th annual report. It includes information for three important types of farms not presented in previous reports. Information on one of these farm types is representative of specialized broiler producers in the Delmarva Peninsula. Broiler production is the sole enterprise of these operators. The average number of broilers produced has increased each year, and totaled around 53,000 per farm in 1964.

Another farm series represents spring wheat-fallow farms in northwestern North Dakota and adjacent areas in Montana. It replaces the series on wheat-roughage-livestock farms in the proximity of this area in North Dakota and extending south and east into the north-central portion of South Dakota. The spring wheat-fallow farm series represents a very important spring wheat area in the Northern Plains transition zone. Where moisture conservation is imperative, fallow becomes important in the farming system.

The third farm series is represented by 2-band desert-operated sheep units in western Utah and east-central Nevada. Operators of these sheep ranches keep around 1,800 to 2,000 head of breeding ewes. In the summer these ewes with their lambs are generally divided into two herds, or bands, and are grazed on public domain, mostly on Forest Service lands. After culling and marketing, the breeding herd is combined into one unit and is driven or transported to the desert areas of Utah and Nevada for winter grazing, mostly on grazing lands controlled by the Bureau of Land Management. These operations are commonly referred to as migratory units. They

follow a pattern of grazing throughout the year at specified grazing areas.

Since 1963, minor revisions have been made in certain estimates for a few of the farm series because of improved data or more current information. On the basis of survey and related data on per acre farmland values, the tobacco and tobacco-cotton farm series in North Carolina were revised primarily to reflect more accurately investment in farm real estate and annual changes per farm in these assets.

As a consequence of extensive enumerative field surveys in 1963 and 1964 and further study of census questionnaires, fairly extensive revisions were made in two studies. These are hog-dairy and hog-beef fattening farms in the Corn Belt. For the most part the general overall characteristics of these farms were not changed. However, the livestock and grain enterprises have been enlarged slightly and intensified to more adequately represent this type of farm in these areas and to more accurately reflect changes on these farms.

Estimates for earlier years are reported in USDA Statistical Bulletin 297 and Agriculture Information Bulletin 230, revised June 1961, October 1962, August 1963, and June 1964. Concepts and procedures are discussed briefly in Statistical Bulletin 297. Additional information is available for 1963 and 1964 for each of the major groups of farms in the Farm Costs and Returns (FCR) Series, Nos. 27 through 35, Economic Research Service.

Information represents results of operations on typical or representative farms of the specified type and size. In all instances, the typical farms are important operating units in the specified area, and in most instances they are the most common units.

For example, of the approximately 30,000 farms in western Wisconsin (see map on

page ii), about 83 percent were classified in the 1959 census as commercial farms, and 84 percent of these were dairy farms. According to a recent survey, 75 percent of the dairy farm operators sold grade-B milk (for manufacturing purposes). Typical commercial family-operated dairy farms in this area have around 20 to 25 milk cows and heifers, 2 years old and over. They are by far the most common type and size of farm in the area and probably constitute 70 percent of the dairy farms producing grade-B milk.

In contrast, there are several different types of farms in the hog-beef fattening area of the Corn Belt. Beef fattening farms are probably the most common, but they vary considerably in size and method of operation. Some operators fatten hundreds of animals a year, mostly with purchased feed, whereas other operators grow nearly all the feed for the 50 to 60 head they fatten each year.

In 1964, the typical hog-beef fattening farms represented here grew, on the average, around 130 acres of feed grains, farrowed around 38 sows, and in the fall bought 75 to 85 feeder cattle of approximately the same age and size as the cattle they raised. The cattle were to be fattened and sold early the next fall. Although this is a common operation, results may or may not be representative of some other beef fattening farms. Costs and returns on typical hog-beef fattening farms, as presented, probably would not represent more than 25 percent of the commercial farms in the area.

Data in this report supplement estimates of aggregate income and expenses for all farms in the United States, as reported quarterly and annually by the Department, and those reported by various experiment stations and related research groups. Estimates for more types and sizes of farms would be required for expansion to regional and national totals.

The same general procedure, methodology, and terms are used for all types of farms.

Thus, these publications provide a continuing source of information and a measure of year-to-year changes in farm size, farm organization, technology, investment, prices, costs, and returns on several important types of commercial farms.

For comparability of results among types of farms in these series, all farms are considered to be owner-operated units. Net farm income is the return to the operator and members of his family for their management and labor on the farm, and return to total farm capital. To obtain an estimate of return to operator and family labor, an estimated charge is made for capital. It should be noted, however, that a charge for capital represents a return to the owner of the capital, which in many cases is largely the farm operator.

Any charge for capital on a group of farms must be arbitrary. Farm assets vary greatly in kind, and are purchased at different times; a farmer buys a new machine or some livestock, for example, or decides to add to his farm acreage. Most farmers and ranchers make new investments each year. Some farm assets have a ready market, while others may be disposed of only at a sacrifice. Thus, it is difficult to determine a correct and valid charge for farm capital.

In this report, two alternative capital charges have been made. The first is obtained by multiplying total capital invested in the farm business, regardless of ownership, by the current interest rate in effect January 1 for new loans by the Federal land bank in the respective area. In 1964, this rate was 5.5 percent in 9 districts, 6.0 percent in 2 districts, and midway between in 1 district. From 1930 to 1964, the rate varied from 4.0 to 6.0 percent.

The second estimate of capital charge is obtained by multiplying total investment in the farm business January 1, again irrespective of ownership, by 4.1 percent. This is the average rate paid by farmers on outstanding debts held by Federal land banks from 1940 to 1960. In this 21-year period,

the rate varied from 3.5 to 4.6 percent; in 11 years, it was 4.1 percent.

Whichever method is used, a further charge is added for production credit on farms where applicable. Such a charge was made on 26 of the 42 typical farms. Mainly, these were farms on which sales were seasonal. Production credit is calculated at short-term interest rates charged by production credit associations on loans outstanding.

The major sources of data for these costs and returns series are: (1) the U.S. Census of Agriculture, (2) rural carrier and mailed questionnaires sent to farmers and dealers by the Agricultural Estimates Division, Statistical Reporting Service, USDA, (3) enumerative field surveys, and (4) research results and related data from State experiment stations and Federal agencies when data for individual farms are available or when group data meet the specifications for farms by type, size, and location. Data for individual farms of a particular type and size are generally used. Local area data on production rates, prices, and related items are used when they do not differ significantly by type and size of farm.

Many factors need to be considered in composing the different types of farms and in comparing typical farm data with national averages and averages for specific areas. Returns in 1964, compared with those for

earlier years, reflect adjustment by farmers on specified farms to meet changing physical and economic conditions. Weather also has an important role in determining farm income. Year-to-year changes in weather tend to produce corresponding changes in crop production, and these changes in turn affect livestock production and farm expenses and income. Farm size, intensity of land use, average investment per farm, and the proportions invested in real estate, machinery, and livestock vary among types of farms and considerably affect farm incomes.

This report was prepared in the Farm Production Economics Division, Economic Research Service, by Wylie D. Goodsell, J. J. Csorba, David E. Cummins, Erling Hole, Edgar B. Hurd, Paul Rosenberry, Owen K. Shugars, Everett O. Stoddard II, Edwin G. Strand, and Isabel Jenkins.

John H. Bondurant, University of Kentucky, cooperated in preparing estimates for the tobacco-livestock farms in the Bluegrass area of Kentucky. James R. Gray, New Mexico State University, cooperated in preparing estimates for the livestock ranches in the Southwestern and Northern Plains areas. John W. Carncross, Rutgers University, cooperated in preparing estimates for the egg-producing farms in New Jersey. Lloyd J. Jewett, University of Maine, cooperated in preparing estimates for the broiler farms in Maine.

CONTENTS

	Page
In General.	1
For Groups of Farms	9

GUIDES TO TABLES

	Page
DAIRY FARMS:	
Central Northeast	14
Eastern Wisconsin:	
Grade A	16
Grade B	18
Western Wisconsin,	
Grade B.	20
DAIRY-HOG FARMS, South- eastern Minnesota.	22
EGG-PRODUCING FARMS, New Jersey	24
BROILER FARMS:	
Maine	26
Delmarva:	
Broilers.	28
Broiler-crop.	30
Georgia.	32
CORN BELT FARMS:	
Hog-dairy	34
Hog fattening--beef raising	36
Hog-beef fattening.	38
Cash grain.	40
COTTON FARMS:	
Southern Piedmont.	42
Mississippi Delta:	
Small.	44
Large-scale	46
Texas:	
Black Prairie	48
High Plains:	
Nonirrigated.	50
Irrigated	52
San Joaquin Valley, Calif. (irrigated):	
Cotton-specialty crop ..	54
Cotton-general crop:	
Medium-sized.	56
Large	58
PEANUT-COTTON FARMS, Southern Coastal Plains . . .	60
TOBACCO FARMS:	
North Carolina Coastal Plain:	
Tobacco	62
Tobacco-cotton	64
Kentucky Bluegrass:	
Tobacco-livestock, Inner Area.	66
Tobacco-dairy:	
Intermediate Area . . .	68
Outer Area.	70
SPRING WHEAT FARMS:	
Northern Plains:	
Wheat-small grain-live- stock	72
Wheat-corn-livestock . .	74
Wheat-fallow.	76
WINTER WHEAT FARMS:	
Southern Plains:	
Wheat.	78
Wheat-grain sorghum . .	80
Pacific Northwest:	
Wheat-pea.	82
Wheat-fallow.	84
CATTLE RANCHES:	
Northern Plains	86
Intermountain Region. . . .	88
Southwest.	90
SHEEP RANCHES:	
Northern Plains	92
Utah-Nevada.	94
Southwest.	96

FARM COSTS AND RETURNS: COMMERCIAL FARMS BY TYPE, SIZE, AND LOCATION

IN GENERAL

Net Farm Income Changes on Typical Farms

In 1964, net farm incomes averaged lower than in 1963 on 23, higher on 18, and about unchanged on 1 of 42 important types of commercial farms in 24 major farming areas of the United States. Income changes ranged from a decline of 84 percent for nonirrigated cotton farms in the High Plains of Texas to an increase of 146 percent for cotton-specialty crop farms in the San Joaquin Valley of California (fig. 1 and tables 1, 2, and 3).

Except for a few extremes, declines in income in 1964 were generally greater than increases. On more than three-fourths of the farms which had lower incomes, the reduction was greater than 10 percent. However, less than one-half of the farms with higher incomes showed increases of more than 10 percent.

Factors having the most effect on incomes in 1964 were changes in farm production and in prices received for products sold. Net farm production in 1964 ranged from 1 to 59 percent below a year earlier on 16 types of farms and from 1 to 22 percent higher on 25 farm types. On wheat-grain sorghum farms in the Southern Plains, there was no measurable change in the level of farm production between the 2 years (table 4).

Average prices received ranged from 23 percent below to 30 percent

above those of 1963 (table 5). They averaged lower on 25 of the 42 types of farms studied. They were higher on 10 and about the same in both years on 7 farm types. Increases in prices received were generally nominal. They ranged from 1 to 6 percent, except for the cotton-specialty crop farms in California. The unusually large increase for these farms was due to higher prices received for potatoes in 1964. Prices received by potato producers were very favorable in 1964, the highest since 1959. On the other hand, declines in average prices received were quite often substantial; on 10 farm types, declines were from 10 to 23 percent. The largest reductions in prices received in 1964 occurred on wheat farms and Western cattle ranches.

All the farm types with lower incomes in 1964 had lower production, lower prices received, or both. For farms with higher incomes, production increased on all but the sheep ranches in Utah and Nevada. These operators realized a 6-percent gain in average prices received.

Prices paid for goods and services used in production on these typical farms in 1964 averaged from 8 percent below to 4 percent above those of 1963. On farms with lower incomes in 1964, prices paid averaged higher than in 1963 on 16, lower on 5, and unchanged on 2. Prices paid were higher in 1964 on 13 of the farm types where incomes

TABLE 1.--Net farm income, specified types of commercial farms, 1964, with comparisons

Type of farm and location	Average		1963	1964 ¹
	1951-55	1956-60		
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
Dairy farms:				
Central Northeast.....	3,753	4,196	4,101	4,178
Eastern Wisconsin:				
Grade A.....	4,859	5,330	6,005	6,541
Grade B.....	2,509	2,496	3,257	3,332
Western Wisconsin, Grade B.....	3,032	3,350	4,831	2,837
Dairy-hog farms, Southeastern Minnesota.....	4,016	3,878	4,545	3,904
Egg-producing farms, New Jersey.....	4,130	2,751	2,093	2,470
Broiler farms:				
Maine.....	2,060	2,962	3,665	3,692
Delmarva:				
Broilers.....	---	---	2,241	2,433
Broiler-crop.....	4,002	4,816	5,954	6,022
Georgia.....	1,111	963	803	718
Corn Belt farms:				
Hog-dairy ²	5,142	6,728	6,850	7,173
Hog fattening--beef raising.....	3,442	3,620	3,953	4,395
Hog-beef fattening ²	7,918	8,346	7,006	8,643
Cash grain.....	8,412	7,400	11,374	12,205
Cotton farms:				
Southern Piedmont.....	2,068	2,010	2,891	3,274
Mississippi Delta:				
Small.....	1,945	1,742	2,708	2,383
Large-scale.....	23,192	21,656	40,167	34,623
Texas:				
Black Prairie.....	2,727	2,544	5,302	4,668
High Plains (nonirrigated).....	3,042	6,838	10,320	1,676
High Plains (irrigated).....	11,350	13,070	17,507	12,903
San Joaquin Valley, Calif. (irrigated):				
Cotton-specialty crop.....	39,780	45,584	23,723	58,290
Cotton-general crop (medium-sized).....	26,111	26,798	32,117	36,067
Cotton-general crop (large).....	77,115	82,376	93,922	108,785
Peanut-cotton farms, Southern Coastal Plains.....	2,613	2,878	5,674	5,181
Tobacco farms:				
North Carolina Coastal Plain:				
Tobacco ²	3,521	4,416	6,099	6,429
Tobacco-cotton ²	3,392	4,350	6,385	6,362
Kentucky Bluegrass:				
Tobacco-livestock, Inner area.....	6,473	7,127	9,786	6,530
Tobacco-dairy, Intermediate area.....	2,361	2,510	3,448	2,678
Tobacco-dairy, Outer area.....	3,890	4,530	6,288	5,323
Spring wheat farms:				
Northern Plains:				
Wheat-small grain-livestock.....	4,524	5,058	7,622	8,690
Wheat-corn-livestock.....	3,922	4,837	6,711	5,062
Wheat-fallow.....	4,586	3,898	9,073	7,567
Winter wheat farms:				
Southern Plains:				
Wheat.....	8,006	8,377	9,086	8,271
Wheat-grain sorghum.....	4,932	7,001	7,024	6,949
Pacific Northwest:				
Wheat-pea.....	13,712	12,934	17,408	15,190
Wheat-fallow.....	12,910	13,814	15,275	13,836
Cattle ranches:				
Northern Plains.....	5,434	4,574	7,385	6,043
Intermountain Region.....	7,976	9,731	10,133	6,860
Southwest.....	2,588	5,843	5,272	1,310
Sheep ranches:				
Northern Plains.....	8,134	9,171	12,961	11,765
Utah-Nevada.....	18,326	16,972	13,261	14,631
Southwest.....	3,433	7,958	5,926	3,258

¹ Preliminary. ² Revised.

Note: Information presented here is on an owner-operator basis primarily for comparability between types of farms. Net farm income is the return to operator and unpaid members of the family for their labor and management on the farm and return to total capital. No allowance has been made for payment of rent, interest, or mortgage.

TABLE 2.--Net farm income in 1964 as a percentage of 1963 and 1951-60

Type of farm and location	1964 as a percentage of--		Type of farm and location	1964 as a percentage of--	
	AVERAGE 1951-60	1963		AVERAGE 1951-60	1963
Dairy farms:			Peanut-cotton farms, Southern Coastal Plains.....	189	91
Central Northeast.....	105	102	Tobacco farms:		
Eastern Wisconsin:			North Carolina Coastal Plain:		
Grade A.....	128	109	Tobacco.....	162	105
Grade B.....	133	102	Tobacco-cotton.....	164	100
Western Wisconsin, Grade B.....	89	59	Kentucky Bluegrass:		
Dairy-hog farms, Southeastern Minnesota.....	99	86	Tobacco-livestock, Inner area.....	96	67
Egg-producing farms, New Jersey.....	72	118	Tobacco-dairy, Intermediate area.....	110	78
Broiler farms:			Tobacco-dairy, Outer area.....	126	85
Maine.....	147	101	Spring wheat farms:		
Delmarva:			Northern Plains:		
Broilers.....		109	Wheat-small grain-livestock.....	181	114
Broiler-crop.....	137	101	Wheat-corn-livestock.....	116	75
Georgia.....	69	89	Wheat-fallow.....	178	83
Corn Belt farms:			Winter wheat farms:		
Hog-dairy.....	121	105	Southern Plains:		
Hog fattening--beef raising.....	125	111	Wheat.....	101	91
Hog-beef fattening.....	106	123	Wheat-grain sorghum.....	116	99
Cash grain.....	154	107	Pacific Northwest:		
Cotton farms:			Wheat-pea.....	114	87
Southern Piedmont.....	161	113	Wheat-fallow.....	104	91
Mississippi Delta:			Cattle ranches:		
Small.....	129	88	Northern Plains.....	121	82
Large-scale.....	154	86	Intermountain Region.....	77	68
Texas:			Southwest.....	31	25
Black Prairie.....	177	88	Sheep ranches:		
High Plains (nonirrigated)	34	16	Northern Plains.....	136	91
High Plains (irrigated)	106	74	Utah-Nevada.....	83	110
San Joaquin Valley, Calif. (irrigated):			Southwest.....	57	55
Cotton-specialty crop.....	137	246			
Cotton-general crop (medium-sized)	136	112			
Cotton-general crop (large).....	136	116			

TABLE 3.--Resources, costs and returns per farm, specified types of commercial farms, 1964¹

Type of farm and location ²	Size of farm as measured by:	Total farm capital, Jan. 1	Gross farm income ³	Operating expenses ⁴	Return per hour to operator and family labor	
					Current interest rates	4.1 percent interest ⁵
Dairy farms:						
Central Northeast.....	33.0 milk cows	\$45,500	\$14,937	\$10,759	.41	.61
Eastern Wisconsin:						
Grade A.....	33.3 do.	\$71,950	\$16,906	\$10,365	.61	.84
Grade B.....	22.1 do.	\$48,190	\$9,773	\$6,441	.18	.36
Western Wisconsin, Grade B.....	24.8 do.	\$38,770	\$8,673	\$5,836	.17	.30
Dairy-hog farms, Southeastern Minnesota.....	22.2 do.	\$57,600	\$11,104	\$7,200	.19	.39
Egg-producing farms, New Jersey.....	5,100 layers	\$45,430	\$27,439	\$24,969	-.03	.15
Broiler farms:						
Maine.....	67,900 produced annually	\$33,160	\$7,681	\$3,989	.91	1.19
Delmarva:						
Broilers.....	53,237 do.	\$20,090	\$4,702	\$2,269	.77	1.01
Broiler-crop.....	59,590 do.	\$51,320	\$10,467	\$4,445	1.22	1.63
Georgia.....	28,314 do.	\$17,580	\$2,608	\$1,890	-.24	(6)
Corn Belt farms:						
Hog-dairy.....	125 acres of cropland	\$74,540	\$18,258	\$11,085	.85	1.14
Hog fattening--beef raising.....	138 do.	\$62,650	\$12,222	\$7,827	.23	.50
Hog-beef fattening.....	195 do.	\$123,720	\$34,386	\$25,743	.45	.99
Cash grain.....	233 do.	\$140,870	\$22,652	\$10,447	1.46	2.13
Cotton farms:						
Southern Piedmont.....	104 do.	\$32,750	\$7,639	\$4,365	.51	.77
Mississippi Delta:						
Small.....	40 do.	\$17,250	\$5,226	\$2,843	.72	.84
Large-scale.....	640 do.	\$286,620	\$79,684	\$45,061	(7)	(7)
Texas:						
Black Prairie.....	240 do.	\$62,170	\$10,383	\$5,715	.49	.86
High Plains (nonirrigated).....	464 do.	\$94,170	\$8,905	\$7,229	-.97	-1.25
High Plains (irrigated).....	413 do.	\$151,520	\$29,784	\$16,881	1.70	2.57
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	335 do.	\$307,270	\$138,909	\$80,619	(7)	(7)
Cotton-general crop (medium-sized).....	335 do.	\$304,790	\$83,937	\$47,870	(7)	(7)
Cotton-general crop (large).....	1,178 do.	\$1,045,430	\$263,189	\$154,404	(7)	(7)
Peanut-cotton farms, Southern Coastal Plains.....	71 do.	\$25,440	\$9,857	\$4,676	1.50	1.65
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	47 do.	\$41,370	\$12,835	\$6,406	1.56	1.89
Tobacco-cotton.....	53 do.	\$44,920	\$13,613	\$7,251	1.34	1.67
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	62 do.	\$111,630	\$15,524	\$8,994	.09	.68
Tobacco-dairy, Intermediate area.....	25 do.	\$25,040	\$5,673	\$2,995	.38	.49
Tobacco-dairy, Outer area.....	42 do.	\$49,280	\$11,899	\$6,576	.59	.75
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	597 do.	\$60,540	\$14,673	\$5,983	2.33	2.71
Wheat-corn-livestock.....	397 do.	\$63,080	\$10,367	\$5,305	.45	.72
Wheat-fallow.....	656 do.	\$63,810	\$13,192	\$5,625	1.52	1.86
Winter wheat farms:						
Southern Plains:						
Wheat.....	616 do.	\$113,490	\$14,627	\$6,356	.77	1.40
Wheat-grain sorghum.....	693 do.	\$133,610	\$15,218	\$8,269	-.22	.61
Pacific Northwest:						
Wheat-pea.....	551 do.	\$203,490	\$28,554	\$13,364	1.22	2.16
Wheat-fallow.....	1,066 do.	\$164,900	\$24,777	\$10,941	1.40	2.11
Cattle ranches:						
Northern Plains.....	104.6 cows	\$90,370	\$13,579	\$7,536	.33	.71
Intermountain Region.....	143.5 do.	\$92,330	\$14,300	\$7,440	.45	.77
Southwest.....	159.8 do.	\$188,200	\$13,398	\$12,088	-.3.93	-2.79
Sheep ranches:						
Northern Plains.....	1,392 sheep	\$104,440	\$25,567	\$13,802	1.70	2.11
Utah-Nevada.....	2,217 do.	\$161,510	\$38,803	\$24,172	1.55	2.16
Southwest.....	1,219 do.	\$222,840	\$17,109	\$13,851	-.3.33	-2.18

¹ Preliminary. ² All except cotton farms in California and large-scale cotton farms in the Mississippi Delta are family-operated. ³ Includes income from farming and Government payments. ⁴ Excludes rent and interest payments.

⁵ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ⁶ Less than .01. ⁷ Not applicable.

TABLE 4.--Net farm production and productivity: Index numbers, specified types of commercial farms, 1964, with comparisons
(1957-59 = 100)

Type of farm and location	Net farm production			Crop yield per acre ²		
	AVERAGE 1951-55	1963	1964 ¹	AVERAGE 1951-55	1963	1964 ¹
Dairy farms:						
Central Northeast.....	87	123	126	90	105	99
Eastern Wisconsin:						
Grade A.....	82	122	127	95	106	109
Grade B.....	88	121	124	93	105	107
Western Wisconsin, Grade B.....	82	128	105	85	114	81
Dairy-hog farms, Southeastern Minnesota.....	83	120	109	87	115	99
Egg-producing farms, New Jersey.....	80	130	143	---	---	---
Broiler farms:						
Maine.....	59	114	118	---	---	---
Delmarva:						
Broilers.....	---	151	160	---	---	---
Broiler-crop.....	71	122	125	---	---	---
Georgia.....	69	112	114	---	---	---
Corn Belt farms:						
Hog-dairy ³	70	113	118	92	107	108
Hog fattening--beef raising.....	77	128	143	71	106	114
Hog-beef fattening ³	82	125	127	86	114	114
Cash-grain.....	84	134	140	88	123	117
Cotton farms:						
Southern Piedmont.....	84	125	143	85	113	137
Mississippi Delta:						
Small.....	90	135	127	89	135	125
Large-scale.....	101	130	128	89	131	127
Texas:						
Black Prairie.....	82	144	146	85	115	117
High Plains (nonirrigated).....	48	126	52	52	106	48
High Plains (irrigated).....	84	118	109	75	109	93
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	78	106	109	80	108	117
Cotton-general crop (medium-sized).....	79	102	111	75	105	111
Cotton-general crop (large).....	77	103	112	75	104	111
Peanut-cotton farms, Southern Coastal Plains..	83	178	169	78	142	141
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco ³	82	134	136	83	129	143
Tobacco-cotton ³	80	138	139	83	128	141
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	102	136	113	93	129	112
Tobacco-dairy, Intermediate area.....	98	128	110	90	127	109
Tobacco-dairy, Outer area.....	90	139	130	89	128	113
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	93	129	158	83	137	162
Wheat-corn-livestock.....	81	103	94	79	114	102
Wheat-fallow.....	100	183	193	96	180	179
Winter wheat farms:						
Southern Plains:						
Wheat.....	81	97	99	68	87	92
Wheat-grain sorghum.....	67	86	86	52	73	73
Pacific Northwest:						
Wheat-pea.....	84	117	128	84	113	129
Wheat-fallow.....	78	97	103	75	93	100
Cattle ranches:						
Northern Plains.....	107	118	120	99	103	99
Intermountain Region.....	75	104	98	98	101	99
Southwest.....	76	102	101	90	93	89
Sheep ranches:						
Northern Plains.....	79	123	106	99	103	101
Utah-Nevada.....	92	101	99	94	96	106
Southwest.....	64	95	80	90	93	89

¹ Preliminary. ² Range conditions on ranches. ³ Revised.

TABLE 5.--Prices received and paid by farmers: Index numbers, specified types of commercial farms, 1964, with comparisons
(1957-59=100)

Type of farm and location	Prices received for products sold			Prices paid, including wages to hired labor		
	AVERAGE 1951-55	1963	1964 ¹	AVERAGE 1951-55	1963	1964 ¹
Dairy farms:						
Central Northeast.....	98	95	95	95	105	105
Eastern Wisconsin:						
Grade A.....	109	98	100	94	110	110
Grade B.....	110	100	100	94	109	110
Western Wisconsin, Grade B.....	109	99	99	95	110	112
Dairy-hog farms, Southeastern Minnesota.....	111	99	102	95	107	106
Egg-producing farms, New Jersey.....	128	92	88	111	95	92
Broiler farms:						
Maine.....	117	111	109	82	109	106
Delmarva:						
Broilers.....	---	107	111	---	114	118
Broiler-crop.....	126	111	110	89	110	109
Georgia.....	125	88	86	89	108	110
Corn Belt farms:						
Hog-dairy ²	108	95	94	95	110	111
Hog fattening--beef raising.....	112	98	101	96	109	111
Hog-beef fattening ²	108	91	92	103	112	106
Cash grain.....	126	105	107	90	102	105
Cotton farms:						
Southern Piedmont.....	109	101	95	³ 96	³ 107	³ 110
Mississippi Delta:						
Small.....	113	106	100	99	107	108
Large-scale.....	115	109	102	³ 99	³ 113	³ 113
Texas:						
Black Prairie.....	116	107	100	95	104	105
High Plains (nonirrigated).....	109	105	95	95	108	109
High Plains (irrigated).....	111	105	97	98	107	109
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	114	97	126	93	109	111
Cotton-general crop (medium-sized).....	107	112	111	89	105	107
Cotton-general crop (large).....	108	111	111	89	106	107
Peanut-cotton farms, Southern Coastal Plains...	107	102	99	91	97	99
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco ²	98	103	101	90	110	112
Tobacco-cotton ²	99	103	101	90	110	113
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	91	96	90	92	107	107
Tobacco-dairy, Intermediate area.....	90	99	99	93	106	107
Tobacco-dairy, Outer area.....	93	97	97	94	108	109
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	109	94	80	94	103	105
Wheat-corn-livestock.....	107	100	93	98	107	106
Wheat-fallow.....	123	102	82	91	109	110
Winter wheat farms:						
Southern Plains:						
Wheat.....	116	104	86	94	109	111
Wheat-grain sorghum.....	111	98	86	91	102	106
Pacific Northwest:						
Wheat-pea.....	116	104	82	92	105	106
Wheat-fallow.....	113	103	79	90	106	108
Cattle ranches:						
Northern Plains.....	94	101	88	95	101	93
Intermountain Region.....	97	95	81	93	110	111
Southwest.....	93	95	78	107	112	115
Sheep ranches:						
Northern Plains.....	117	94	99	100	104	102
Utah-Nevada.....	116	93	99	95	111	114
Southwest.....	111	91	92	100	113	117

¹ Preliminary. ² Revised. ³ Includes cropper labor.

increased. They averaged lower on 4 and unchanged on 2.

Operating expenses increased on 27, declined on 14, and were unchanged on 1 of the 42 farm types. On 7 of these farm types, production increased and operating expenses declined in 1964. However, this favorable production-cost relationship was offset on 3 of the 7 farms by substantial declines in prices received. Increases in operating expenses in 1964 were due to several factors, such as higher prices paid, growth in operations, and more intensive use of inputs. Declines in prices paid were accompanied by lower operating expenses on only 4 farm types, while on 5 types of farms, operating expenses increased despite lower prices paid (see tables 6 to 8 pages 11 to 13).

Net farm incomes on 31 of 41 types of farms in 1964 were from 1 to 89 percent above the 1951-60 average.¹ Net incomes on the remaining 10 types of farms were from 1 to 69 percent below the average.

Types of farms with lower incomes than in 1951-60 included dairy farms in western Wisconsin and southeastern Minnesota; New Jersey egg-producing farms; Georgia broiler farms; nonirrigated cotton farms, High Plains, Texas; tobacco-livestock farms, Inner Bluegrass, Kentucky; cattle ranches in the Intermountain region and the Southwest; and sheep ranches in Utah-Nevada and the Southwest. Incomes were higher than in 1951-60 on all the typical wheat farms and Corn Belt farms.

Higher incomes per farm compared with the 10-year average re-

¹Estimates for Delmarva broiler farms for 1951-60 are not available.

flect increased size of farm and operations, higher crop yields, greater livestock production, and improved practices and efficiency. In general, price-cost relationships were less favorable in 1964 than in the earlier period. On most farms, prices paid have trended upward and prices received have declined. However, both production per farm and production per unit of input have increased.

Net Farm Income Changes on all U.S. Farms

Total net farm income (including net change in inventory) for all farms in the United States was \$12.7 billion in 1964, down about 2 percent from 1963. Net farm income per farm averaged \$3,659 in 1964 compared with \$3,643 in 1963 (fig. 2). A 3-percent decline in the number of U.S. farms in 1964 about offset the decline in total farm income. The number of farms has declined 12 percent since 1960.

Realized gross farm income in 1964, at \$42.0 billion, exceeded the previous record of \$41.7 billion in 1963. Increased payments to farmers for participating in Government programs were responsible for the higher gross. Cash receipts from marketings, at \$36.7 billion, were near the record high of \$36.9 billion in 1963. The value of home consumption of farm products on farms where grown and the rental value of farm dwellings were estimated at \$3.1 billion for both years.

Increases occurred in marketing of livestock and livestock products, food grains, and tobacco. There were substantial decreases in marketings of feed grains and cotton and in prices received for livestock and livestock products. These changes tended to be offsetting, holding receipts from marketings

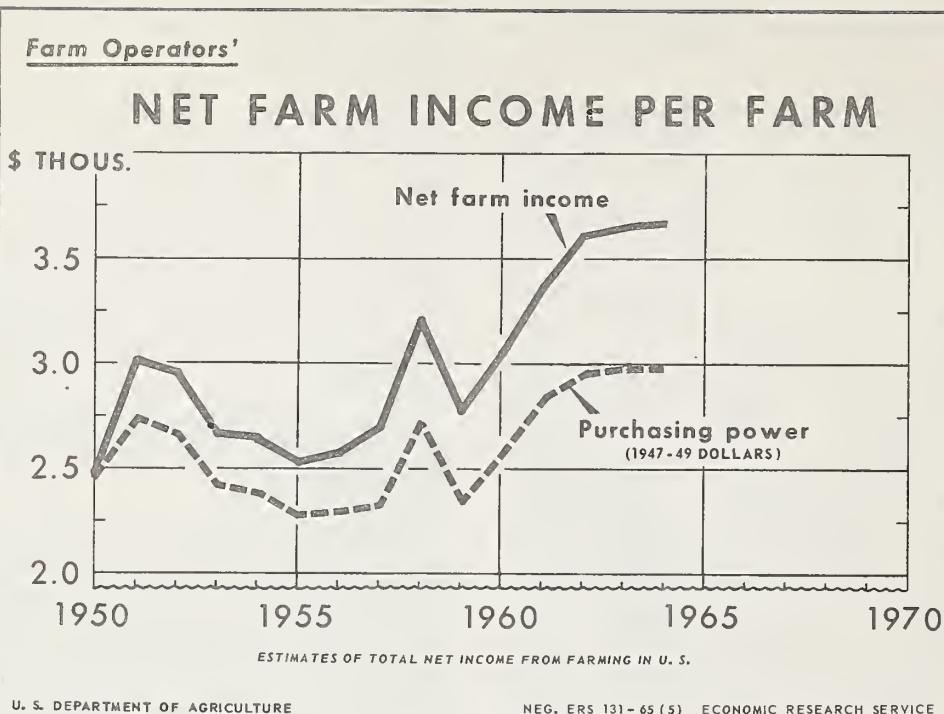


Figure 2

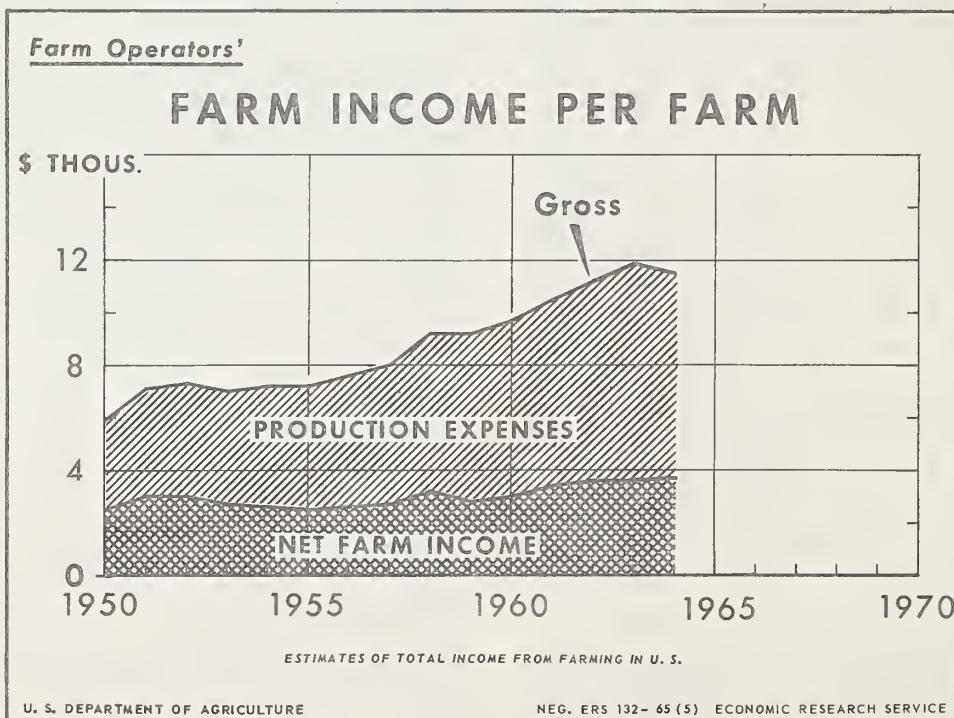


Figure 3

about the same in 1964 as in 1963. Marketings of meat animals, dairy products, poultry and eggs, tobacco, oil crops, and sugar crops were at record highs in 1964.

Cash receipts from the sale of food grains were down sharply despite a 8-percent increase in marketings. The market price for wheat was adjusted from the loan level of \$1.82 per bushel in 1963 to \$1.30 in 1964. However, increased payments to farmers participating in the 1964 wheat program made up for most of the drop in cash receipts.

Receipts from the marketings of feed grains also were lower in 1964, due partly to participation in the feed grain program and to drought, which reduced the yields of sorghum and corn. Prices received for feed grains were generally higher in 1964.

Farm production expenses totaled \$29.4 billion in 1964, up about \$150 million from 1963. Production expenses per farm averaged \$8,458 in 1964, up about 3 percent from a year earlier (fig. 3). The increase in the average size of farm and thus larger operations and increases in prices paid for production items of nonfarm origin were the primary reasons for the higher costs. Decreases in prices paid for farm-produced items and a decrease of about 10 percent in the number of hired workers per farm were the major factors tending to lower costs.

FOR GROUPS OF FARMS

Changes in income from 1963 to 1964 varied considerably within major groups of farms. Three of the dairy-type farms had higher incomes in 1964; incomes were lower on the grade-B dairy farms in western Wisconsin and on dairy-

hog farms in southeastern Minnesota. On western Wisconsin grade-B dairy farms, crop yields and production per farm were down substantially from a year earlier and incomes dropped 41 percent. A decrease of 14 percent in crop yields and 9 percent in net production were largely responsible for the reduction in net income on dairy-hog farms in southeastern Minnesota. Incomes on grade-A farms in eastern Wisconsin were up 9 percent, largely because of increased receipts from the sale of milk. Prices received averaged slightly higher on typical grade-A dairy farms in eastern Wisconsin and on dairy-hog farms in southeastern Minnesota in 1964 and were unchanged on the other dairy farms studied. Operating expenses on dairy farms ranged from 2 to 5 percent higher in 1964.

Three of four typical broiler farms had higher incomes in 1964. Net farm incomes averaged higher on broiler farms in Maine and Delmarva but were down 11 percent in Georgia. A decline in prices received for broilers and higher prices paid for items used in production were responsible for the reduced income in Georgia. Production averaged higher in 1964 on broiler farms in each of the areas, as typical broiler growers increased both the number of lots produced and the number of birds per lot.

Net returns on egg-producing farms in New Jersey in 1964 averaged 18 percent higher than a year earlier. Increased production and a slight decline in prices paid for production goods and services were largely responsible.

Incomes in the Corn Belt were from 5 to 23 percent higher in 1964 than in 1963. Farm production increased and prices received ranged

from unchanged to 3 percent higher than a year earlier. On hog-beef fattening farms, net farm income increased 23 percent from the relatively poor return of 1963. A more favorable spread between prices paid for feeders and prices received for fat cattle was largely responsible.

Net farm incomes were substantially higher in 1964 on cotton farms in the Southern Piedmont and in the San Joaquin Valley of California. However, in Texas, in the Mississippi Delta, and in the Southern Coastal Plains, incomes were down from 1963. On all the cotton farms with higher incomes in 1964, production was also greater than in 1963. Production was lower on the cotton farms with lower incomes, except in the Black Prairie of Texas. Prices received averaged considerably higher in 1964 on cotton-specialty farms in the San Joaquin Valley, but were unchanged to 10 percent below 1963 on the other cotton farms.

Changes in production were largely responsible for the differences in incomes between 1963 and 1964 on tobacco farms. Net farm production was higher in 1964 on the tobacco farms in North Carolina and lower on those in Kentucky. In the Coastal Plain of North Carolina, net farm income ranged from unchanged on tobacco-cotton farms to 5 percent higher than a year earlier on the tobacco-type farms. Record-high tobacco yields on these farms offset reductions in tobacco allotments.

Incomes in 1964 on tobacco farms in the Bluegrass area of Kentucky ranged from 15 to 33 percent below those of 1963. The combination of drought-reduced tobacco yields and acreage allotment reductions resulted in a substantial decline in

production on these farms. Lower livestock prices were also an important factor, particularly on tobacco-livestock farms in the Inner Bluegrass Area.

On 6 of 7 typical wheat farms, incomes were down from 1963. Incomes increased 14 percent on wheat-small grain-livestock farms in the Northern Plains; production went up 22 percent to more than offset a 15-percent decline in average prices received. Incomes on wheat-grain sorghum farms in the Southern Plains averaged only 1 percent below 1963, as lower operating expenses offset a decline of 12 percent in prices received. Incomes averaged from 9 to 25 percent below 1963 on 5 of the typical wheat farms, largely because of lower prices received.

Net incomes on Western cattle ranches in 1964 ranged from 18 to 74 percent below a year earlier. Several factors contributed to these lower returns. Prices received for cattle and calves were considerably lower; crop yields and production were generally lower. Drought was also a factor in many localities. On Southwest cattle ranches where incomes were down 74 percent, operating expenses were up 18 percent and prices received averaged 18 percent below those of 1963.

Sheep ranchers in the Northern Plains and in the Southwest realized lower returns in 1964, but incomes were up about 10 percent on Utah-Nevada sheep ranches, mainly because of higher prices received. Despite generally higher prices received, however, incomes on sheep ranches in the Southwest declined 45 percent, largely because of drought and lower production in 1964. In addition, prices paid advanced 4 percent and operating expenses increased.

TABLE 6.--Operating expense and total cost per unit of production: Index numbers, specified types of commercial farms, 1964, with comparisons
(1957-59 = 100)

Type of farm and location	Operating expense per unit of production			Total cost per unit of production		
	AVERAGE 1951-55	1963	1964 ¹	AVERAGE 1951-55	1963	1964 ¹
Dairy farms:						
Central Northeast.....	95	109	109	94	104	105
Eastern Wisconsin:						
Grade A.....	103	107	109	104	104	106
Grade B.....	121	111	112	111	106	109
Western Wisconsin, Grade B.....	106	96	118	107	96	119
Dairy-hog farms, Southeastern Minnesota.....	101	110	125	100	104	118
Egg-producing farms, New Jersey.....	117	91	86	114	92	87
Broiler farms:						
Maine.....	105	110	108	119	107	106
Delmarva:						
Broilers.....	---	91	97	---	106	107
Broiler-crop.....	112	108	110	111	109	112
Georgia.....	87	109	111	101	106	110
Corn Belt farms:						
Hog-dairy ²	112	117	116	116	108	108
Hog fattening--beef raising.....	106	119	116	108	106	101
Hog-beef fattening ²	109	117	112	108	108	105
Cash grain.....	100	113	113	99	95	97
Cotton farms:						
Southern Piedmont.....	103	99	93	101	100	92
Mississippi Delta:						
Small.....	97	94	98	97	86	92
Large-scale.....	110	83	83	104	87	88
Texas:						
Black Prairie.....	109	91	93	112	92	96
High Plains (nonirrigated).....	152	100	185	173	105	217
High Plains (irrigated).....	114	100	112	110	102	116
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	93	110	107	95	111	109
Cotton-general crop (medium-sized).....	99	110	106	99	111	106
Cotton-general crop (large).....	101	113	108	101	114	108
Peanut-cotton farms, Southern Coastal Plains..	94	87	90	105	81	86
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco ²	91	96	93	94	94	92
Tobacco-cotton ²	92	95	95	94	93	93
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	88	92	105	87	91	105
Tobacco-dairy, Intermediate area.....	87	96	108	92	90	103
Tobacco-dairy, Outer area.....	92	97	107	96	94	104
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	99	74	64	102	79	68
Wheat-corn-livestock.....	114	94	109	110	99	112
Wheat-fallow.....	91	64	63	89	67	67
Winter wheat farms:						
Southern Plains:						
Wheat.....	110	120	113	106	120	118
Wheat-grain sorghum.....	114	130	122	125	121	126
Pacific Northwest:						
Wheat-pea.....	104	106	96	97	103	94
Wheat-fallow.....	123	114	109	115	119	114
Cattle ranches:						
Northern Plains.....	95	95	91	94	95	93
Intermountain Region.....	113	117	123	117	115	122
Southwest.....	138	119	132	126	120	125
Sheep ranches:						
Northern Plains.....	119	90	99	120	88	99
Utah-Nevada.....	102	111	116	103	109	113
Southwest.....	144	115	132	131	117	134

¹ Preliminary. ² Revised.

TABLE 7.--Production per hour of labor and per unit of input: Index numbers, specified types of commercial farms, 1964, with comparisons
(1957-59=100)

Type of farm and location	Production per hour of man labor			Production per unit of input		
	AVERAGE 1951-55	1963	1964 ¹	AVERAGE 1951-55	1963	1964 ¹
Dairy farms:						
Central Northeast.....	82	117	120	97	104	104
Eastern Wisconsin:						
Grade A.....	82	114	115	90	107	107
Grade B.....	86	115	116	87	106	106
Western Wisconsin, Grade B.....	82	124	100	86	116	95
Dairy-hog farms, Southeastern Minnesota.....	85	113	101	89	104	91
Egg-producing farms, New Jersey.....	73	133	149	94	106	109
Broiler farms:						
Maine.....	63	115	116	71	104	103
Delmarva:						
Broilers.....	---	103	108	---	109	111
Broiler-crop.....	69	103	104	76	103	103
Georgia.....	71	120	123	84	107	107
Corn Belt farms:						
Hog-dairy ²	72	111	115	79	102	104
Hog fattening--beef raising.....	77	120	134	86	104	111
Hog-beef fattening ²	76	119	121	92	104	104
Cash grain.....	84	140	142	89	113	115
Cotton farms:						
Southern Piedmont.....	84	116	132	91	112	125
Mississippi Delta:						
Small.....	85	151	151	96	123	120
Large-scale.....	84	172	181	91	131	132
Texas:						
Black Prairie.....	62	168	169	89	118	117
High Plains (nonirrigated).....	63	134	75	63	107	53
High Plains (irrigated).....	73	125	118	89	106	96
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	79	106	111	96	99	103
Cotton-general crop (medium-sized).....	76	105	112	88	97	102
Cotton-general crop (large).....	76	103	111	87	95	100
Peanut-cotton farms, Southern Coastal Plains.	68	159	170	87	127	125
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco ²	89	122	131	95	119	125
Tobacco-cotton ²	88	124	125	96	121	123
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	92	121	112	103	120	105
Tobacco-dairy, Intermediate area.....	88	128	114	98	123	110
Tobacco-dairy, Outer area.....	84	123	116	95	118	110
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	81	145	177	91	135	159
Wheat-corn-livestock.....	77	108	100	83	108	96
Wheat-fallow.....	101	166	169	103	166	170
Winter wheat farms:						
Southern Plains:						
Wheat.....	85	96	98	86	89	93
Wheat-grain sorghum.....	64	88	102	74	86	86
Pacific Northwest:						
Wheat-pea.....	90	116	123	91	105	115
Wheat-fallow.....	76	95	101	78	91	97
Cattle ranches:						
Northern Plains.....	96	116	111	102	111	109
Intermountain Region.....	80	102	95	80	99	93
Southwest.....	69	94	91	83	96	94
Sheep ranches:						
Northern Plains.....	80	136	128	83	119	106
Utah-Nevada.....	92	101	99	93	101	98
Southwest.....	65	94	83	77	96	86

¹ Preliminary. ² Revised.

TABLE 8.--Return per \$100 invested with operator and family labor at wage rates paid for hired labor, specified types of commercial farms, averages 1951-55, 1956-60, and 1962-64

Type of farm and location	1951-55	1956-60	1962-64
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
Dairy farms:			
Central Northeast.....	6.10	4.71	1.47
Eastern Wisconsin:			
Grade A.....	3.66	3.19	2.98
Grade B.....	-1.21	-2.23	-1.29
Western Wisconsin, Grade B.....	.10	-.17	.41
Dairy-hog farms, Southeastern Minnesota.....	3.06	1.19	.74
Egg-producing farms, New Jersey.....	-.20	-2.89	-4.23
Broiler farms:			
Maine.....	2.57	3.95	4.31
Delmarva:			
Broilers.....	---	---	3.79
Broiler-crop.....	10.29	8.50	7.38
Georgia.....	3.23	-.07	-1.53
Corn Belt farms:			
Hog-dairy ¹	4.70	5.29	4.01
Hog fattening--beef raising.....	2.03	1.07	.57
Hog-beef fattening.....	6.23	5.25	4.62
Cash grain ¹	7.37	4.55	6.09
Cotton farms:			
Southern Piedmont.....	6.67	4.01	5.03
Mississippi Delta:			
Small.....	9.81	5.63	8.46
Large-scale.....	12.87	8.92	11.86
Texas:			
Black Prairie.....	5.50	2.72	5.04
High Plains (nonirrigated).....	4.53	9.85	6.39
High Plains (irrigated).....	12.12	11.04	9.93
San Joaquin Valley, Calif. (irrigated):			
Cotton-specialty crop.....	19.15	16.78	10.42
Cotton-general crop (medium-sized).....	11.59	8.79	8.86
Cotton-general crop (large).....	11.18	8.77	8.43
Peanut-cotton farms, Southern Coastal Plains.....	13.13	11.17	15.64
Tobacco farms:			
North Carolina Coastal Plain:			
Tobacco ¹	8.41	8.40	10.83
Tobacco-cotton ¹	8.28	7.52	9.99
Kentucky Bluegrass:			
Tobacco-livestock, Inner area.....	5.89	5.36	4.77
Tobacco-dairy, Intermediate area.....	-2.60	-1.52	-.75
Tobacco-dairy, Outer area.....	3.22	3.98	4.05
Spring wheat farms:			
Northern Plains:			
Wheat-small grain-livestock.....	5.17	5.67	12.09
Wheat-corn-livestock.....	3.09	4.14	5.00
Wheat-fallow.....	7.27	3.66	11.04
Winter wheat farms:			
Southern Plains:			
Wheat.....	8.19	6.93	6.67
Wheat-grain sorghum.....	3.31	4.29	4.27
Pacific Northwest:			
Wheat-pea.....	8.31	5.60	6.03
Wheat-fallow.....	8.37	7.14	6.34
Cattle ranches:			
Northern Plains.....	3.42	2.31	4.29
Intermountain Region.....	6.03	8.15	5.99
Southwest.....	1.01	2.91	1.78
Sheep ranches:			
Northern Plains.....	5.13	6.31	8.25
Utah-Nevada.....	8.79	8.32	6.15
Southwest.....	1.09	3.18	1.66

¹ Revised.

TABLE 9.--Dairy farms, Central Northeast: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	217	235	239	243
Cropland harvested.....		81	86	88	90
Open pasture.....		81	88	88	90
Crops harvested:					
Corn for silage.....	do.	10.7	11.5	12.3	12.9
Small grains.....	do.	14.1	13.1	13.4	13.1
Hay.....	do.	55.7	61.0	62.3	63.5
Crop yields per harvested acre:					
Corn for silage.....	Ton	10.3	11.3	11.5	11.3
Oats.....	Bushel	53.0	50.0	52.0	54.0
Hay.....	Ton	1.8	1.6	1.9	1.7
Livestock on farm, Jan. 1:					
All cattle.....	Number	40.4	46.4	47.3	48.0
Cows and heifers, 2 years old and over.....	do.	27.2	31.4	32.2	33.0
Chickens.....	do.	64	42	41	44
Milk production per cow.....	Pound	7,720	8,620	8,970	9,230
Tractors on farm.....	Number	1.78	2.05	2.10	2.15
Total labor used.....	Hour	4,350	4,590	4,590	4,610
Operator and family.....	do.	3,570	3,740	3,760	3,800
Hired.....	do.	780	850	830	810
Total farm capital, Jan. 1.....	Dollar	35,400	42,600	43,600	45,500
Land and buildings.....	do.	19,000	22,400	23,400	25,100
Machinery and equipment.....	do.	6,500	7,700	7,900	8,200
Livestock.....	do.	7,400	9,700	9,000	9,200
Crops.....	do.	2,500	2,800	3,300	3,000
Total cash receipts.....	do.	10,395	12,599	13,252	14,022
Dairy products.....	do.	8,849	10,942	11,642	12,407
Cattle and calves.....	do.	1,112	1,377	1,365	1,356
Poultry and eggs.....	do.	350	191	179	192
Other, including Government payments.....	do.	84	89	66	67
Value of perquisites.....	do.	939	939	961	1,005
Change in inventory of crops and livestock.....	do.	263	-409	338	-90
Gross farm income.....	do.	11,597	13,129	14,551	14,937

TABLE 9.--Dairy farms, Central Northeast: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	7,415	9,944	10,755	11,028
Feed purchased.....	do.	2,245	3,354	3,932	4,017
Livestock purchased.....	do.	163	209	178	181
Other livestock expense.....	do.	312	409	431	446
Fertilizer and lime.....	do.	331	438	444	461
Other crop expense.....	do.	290	327	370	376
Machinery.....	do.	2,364	2,927	3,025	3,088
Farm buildings and fences.....	do.	373	537	558	580
Labor hired.....	do.	626	765	778	786
Taxes.....	do.	523	731	783	833
Other.....	do.	188	247	256	260
Inventory adjustment, machinery and buildings..	do.	-117	-307	-305	-269
Total operating expenses.....	do.	7,298	9,637	10,450	10,759
Net farm income.....	do.	4,299	3,492	4,101	4,178
Purchasing power in 1947-49 dollars.....	do.	3,643	2,886	3,361	3,397
Charge for capital at current interest rates...	do.	1,955	2,450	2,507	2,616
Return per hour, operator and family labor.....	do.	.66	.28	.42	.41
Charge for capital at 4.1 percent interest.....	do.	1,451	1,747	1,788	1,866
Return per hour, operator and family labor.....	do.	.80	.47	.62	.61
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	113	125	129
Net farm income.....	---	100	81	95	97
Net farm production.....	---	100	114	123	126
Crop yields per acre.....	---	100	97	105	99
Production per hour of man labor.....	---	100	108	117	120
Production per unit of input.....	---	100	99	104	104
Operating expense per unit of production.....	---	100	110	109	109
Total cost per unit of production.....	---	100	107	104	105
Power and machinery (quantity).....	---	100	106	107	109
Prices received for products sold.....	---	100	95	95	95
Prices paid, including wages to hired labor..	---	100	104	105	105

¹ Preliminary.

TABLE 10.--Dairy farms, grade A, Eastern Wisconsin: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	157	171	175	180
Cropland harvested.....	do.	104	115	119	122
Open pasture.....	do.	32	32	27	27
Crops harvested:					
Corn for grain.....	do.	17.0	20.5	21.0	24.6
Corn for silage.....	do.	16.4	18.1	20.5	19.0
Small grains.....	do.	29.5	28.5	27.5	27.0
Hay.....	do.	35.7	41.7	43.0	44.7
Crop yields per harvested acre:					
Corn for grain.....	Bushel	66.4	71.4	76.3	80.9
Corn for silage.....	Ton	10.0	11.8	11.3	12.0
Oats.....	Bushel	59.3	60.8	61.7	56.8
Hay.....	Ton	2.7	3.3	2.6	2.7
Livestock on farm, Jan. 1:					
All cattle.....	Number	43.5	53.8	54.9	56.1
Cows and heifers, 2 years old and over.....	do.	27.2	31.7	32.0	33.3
Milk production per cow.....	Pound	9,440	10,150	10,230	10,540
Pigs raised.....	Number	35	29	30	28
Tractors on farm.....	do.	2.35	2.54	2.58	2.62
Total labor used.....	Hour	4,320	4,580	4,630	4,750
Operator and family.....	do.	3,900	4,120	4,120	4,270
Hired.....	do.	420	460	510	480
Total farm capital, Jan. 1.....	Dollar	52,610	66,740	67,590	71,950
Land and buildings.....	do.	30,060	38,220	38,320	41,580
Machinery and equipment.....	do.	9,500	11,790	12,330	12,820
Livestock.....	do.	9,260	12,070	11,900	11,360
Crops.....	do.	3,790	4,660	5,040	6,190
Total cash receipts.....	do.	11,365	14,191	14,070	15,587
Dairy products.....	do.	8,044	10,373	10,345	11,476
Cattle and calves.....	do.	1,629	2,263	2,099	1,958
Hogs.....	do.	1,171	954	877	905
Crops.....	do.	248	189	271	671
Other, including Government payments.....	do.	273	412	478	577
Value of perquisites.....	do.	994	1,117	1,107	1,150
Change in inventory of crops and livestock.....	do.	515	694	717	169
Gross farm income.....	do.	12,874	16,002	15,894	16,906

TABLE 10.--Dairy farms, grade A, Eastern Wisconsin: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	8,194	10,167	10,590	11,041
Feed purchased.....	do.	944	1,162	1,260	1,299
Livestock purchased.....	do.	18	0	0	0
Other livestock expense.....	do.	502	672	706	739
Fertilizer and lime.....	do.	333	386	429	507
Other crop expense.....	do.	454	568	656	670
Machinery.....	do.	3,299	3,917	4,035	4,179
Farm buildings and fences.....	do.	1,153	1,439	1,401	1,482
Labor hired.....	do.	394	463	529	508
Taxes.....	do.	837	1,231	1,231	1,303
Other.....	do.	260	329	343	354
Inventory adjustment, machinery and buildings..	do.	-637	-783	-701	-676
Total operating expenses.....	do.	7,557	9,384	9,889	10,365
Net farm income.....	do.	5,317	6,618	6,005	6,541
Purchasing power in 1947-49 dollars.....	do.	4,531	5,469	4,922	5,318
Charge for capital at current interest rates...	do.	2,638	3,670	3,718	3,957
Return per hour, operator and family labor.....	do.	.69	.72	.56	.61
Charge for capital at 4.1 percent interest.....	do.	2,157	2,736	2,771	2,950
Return per hour, operator and family labor.....	do.	.81	.94	.78	.84
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	124	123	131
Net farm income.....	---	100	124	113	123
Net farm production.....	---	100	120	122	127
Crop yields per acre.....	---	100	111	106	109
Production per hour of man labor.....	---	100	113	114	115
Production per unit of input.....	---	100	108	107	107
Operating expense per unit of production.....	---	100	104	107	109
Total cost per unit of production.....	---	100	102	104	106
Power and machinery (quantity).....	---	100	114	115	117
Prices received for products sold.....	---	100	101	98	100
Prices paid, including wages to hired labor..	---	100	108	110	110

¹ Preliminary.

TABLE 11.--Dairy farms, grade B, Eastern Wisconsin: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	131	142	146	149
Cropland harvested.....	do.	77	84	88	90
Open pasture.....	do.	32	33	30	30
Crops harvested:					
Corn for grain.....	do.	8.9	11.0	12.3	14.6
Corn for silage.....	do.	10.4	11.7	12.0	11.2
Small grains.....	do.	25.3	25.7	26.0	25.5
Hay.....	do.	30.3	34.6	36.0	37.4
Crop yields per harvested acre:					
Corn for grain.....	Bushel	58.5	64.0	68.4	72.5
Corn for silage.....	Ton	8.8	10.5	10.0	10.6
Oats.....	Bushel	55.2	56.2	57.0	52.4
Hay.....	Ton	2.2	2.6	2.1	2.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	29.1	34.1	34.6	35.0
Cows and heifers, 2 years old and over.....	do.	18.8	21.4	21.6	22.1
Chickens.....	do.	105	73	62	60
Milk production per cow.....	Pound	8,130	8,670	8,710	8,980
Pigs raised.....	Number	24	23	24	22
Tractors on farm.....	do.	1.85	1.96	1.98	2.00
Total labor used.....	Hour	3,620	3,790	3,810	3,870
Operator and family.....	do.	3,510	3,700	3,710	3,780
Hired.....	do.	110	90	100	90
Total farm capital, Jan. 1.....	Dollar	36,020	44,570	44,740	48,190
Land and buildings.....	do.	21,980	28,120	28,320	30,900
Machinery and equipment.....	do.	6,310	6,370	6,370	6,480
Livestock.....	do.	5,270	6,530	6,380	6,020
Crops.....	do.	2,460	3,550	3,670	4,790
Total cash receipts.....	do.	6,701	7,919	7,870	8,187
Dairy products.....	do.	4,242	5,253	5,382	5,776
Cattle and calves.....	do.	1,019	1,197	1,154	1,068
Hogs.....	do.	780	750	674	687
Poultry and eggs.....	do.	510	290	240	223
Crops.....	do.	116	210	165	130
Other, including Government payments.....	do.	34	219	255	303
Value of perquisites.....	do.	881	1,027	1,026	1,068
Change in inventory of crops and livestock....	do.	265	294	631	518
Gross farm income.....	do.	7,847	9,240	9,527	9,773

TABLE 11.--Dairy farms, grade B, Eastern Wisconsin: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964
Total cash expenditures.....	Dollar	5,260	5,917	6,241	6,396
Feed purchased.....	do.	838	755	875	832
Livestock purchased.....	do.	41	16	14	13
Other livestock expense.....	do.	348	462	477	499
Fertilizer and lime.....	do.	208	238	265	312
Other crop expense.....	do.	378	442	524	530
Machinery.....	do.	2,006	2,238	2,287	2,344
Farm buildings and fences.....	do.	581	637	616	634
Labor hired.....	do.	103	93	99	100
Taxes.....	do.	549	771	808	850
Other.....	do.	208	265	276	282
Inventory adjustment, machinery and buildings.	do.	63	29	29	45
Total operating expenses.....	do.	5,323	5,946	6,270	6,441
Net farm income.....	do.	2,536	3,294	3,257	3,332
Purchasing power in 1947-49 dollars.....	do.	2,158	2,722	2,670	2,709
Charge for capital at current interest rates..	do.	1,805	2,451	2,461	2,650
Return per hour, operator and family labor....	do.	.21	.22	.21	.18
Charge for capital at 4.1 percent interest....	do.	1,477	1,827	1,834	1,976
Return per hour, operator and family labor....	do.	.30	.40	.38	.36
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	118	121	125
Net farm income.....	---	100	131	129	132
Net farm production.....	---	100	119	121	124
Crop yields per acre.....	---	100	111	105	107
Production per hour of man labor.....	---	100	114	115	116
Production per unit of input.....	---	100	106	106	106
Operating expense per unit of production....	---	100	108	111	112
Total cost per unit of production.....	---	100	105	106	109
Power and machinery (quantity).....	---	100	94	92	92
Prices received for products sold.....	---	100	101	100	100
Prices paid, including wages to hired labor.	---	100	107	109	110

¹ Preliminary.

TABLE 12.--Dairy farms, grade B, Western Wisconsin: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	169	184	188	192
Cropland harvested.....	do.	79	88	90	92
Open pasture.....	do.	41	45	41	41
Crops harvested:					
Corn for grain.....	do.	15.4	19.5	19.9	13.4
Corn for silage.....	do.	9.1	7.3	8.0	15.5
Small grains.....	do.	21.8	22.1	22.2	22.4
Hay.....	do.	32.1	38.1	39.3	40.4
Crop yields per harvested acre:					
Corn for grain.....	Bushel	63.5	67.8	70.2	49.8
Corn for silage.....	Ton	10.5	12.7	12.3	6.9
Oats.....	Bushel	52.1	52.7	53.0	45.0
Hay.....	Ton	2.4	3.3	3.0	1.9
Livestock on farm, Jan. 1:					
All cattle.....	Number	37.9	42.6	44.0	44.7
Cows and heifers, 2 years old and over.....	do.	20.9	22.7	23.8	24.8
Chickens.....	do.	108	69	58	50
Milk production per cow.....	Pound	7,760	8,340	8,380	8,660
Pigs raised.....	Number	22	22	24	21
Tractors on farm.....	do.	1.71	1.85	1.87	1.89
Total labor used.....	Hour	4,190	4,240	4,320	4,390
Operator and family.....	do.	3,840	3,950	4,020	4,100
Hired.....	do.	350	290	300	290
Total farm capital, Jan. 1.....	Dollar	27,680	36,040	37,450	38,770
Land and buildings.....	do.	14,800	21,020	21,750	22,120
Machinery and equipment.....	do.	3,860	4,160	4,240	4,390
Livestock.....	do.	6,400	7,600	7,680	7,280
Crops.....	do.	2,620	3,260	3,780	4,980
Total cash receipts.....	do.	7,117	8,391	8,783	8,907
Dairy products.....	do.	4,254	5,362	5,655	6,166
Cattle and calves.....	do.	1,492	1,478	1,484	1,422
Hogs.....	do.	725	649	724	730
Poultry and eggs.....	do.	479	253	208	165
Crops.....	do.	120	361	385	45
Other, including Government payments.....	do.	47	288	327	379
Value of perquisites.....	do.	749	840	847	842
Change in inventory of crops and livestock.....	do.	203	781	827	- 1,076
Gross farm income.....	do.	8,069	10,012	10,457	8,673

TABLE 12.--Dairy farms, grade B, Western Wisconsin: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964
Total cash expenditures.....	Dollar	4,542	5,426	5,678	5,853
Feed purchased.....	do.	711	738	739	748
Livestock purchased.....	do.	42	15	13	12
Other livestock expense.....	do.	313	395	422	448
Fertilizer and lime.....	do.	209	270	297	339
Other crop expense.....	do.	326	435	502	505
Machinery.....	do.	1,689	2,035	2,104	2,169
Farm buildings and fences.....	do.	385	457	454	431
Labor hired.....	do.	306	272	294	291
Taxes.....	do.	408	611	648	700
Other.....	do.	153	198	205	210
Inventory adjustment, machinery and buildings.	do.	136	-67	-52	-17
Total operating expenses.....	do.	4,678	5,359	5,626	5,836
Net farm income.....	do.	3,391	4,653	4,831	2,837
Purchasing power in 1947-49 dollars.....	do.	2,889	3,845	3,960	2,307
Charge for capital at current interest rates..	do.	1,387	1,982	2,060	2,132
Return per hour, operator and family labor....	do.	.52	.68	.69	.17
Charge for capital at 4.1 percent interest....	do.	1,135	1,478	1,535	1,590
Return per hour, operator and family labor....	do.	.59	.80	.82	.30
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	122	130	107
Net farm income.....	---	100	137	143	84
Net farm production.....	---	100	122	128	105
Crop yields per acre.....	---	100	118	115	81
Production per hour of man labor.....	---	100	121	124	100
Production per unit of input.....	---	100	114	116	95
Operating expense per unit of production....	---	100	95	96	118
Total cost per unit of production.....	---	100	95	96	119
Power and machinery (quantity).....	---	100	103	102	103
Prices received for products sold.....	---	100	100	99	99
Prices paid, including wages to hired labor.	---	100	108	110	112

¹ Preliminary.

TABLE 13.--Dairy-hog farms, Southeastern Minnesota: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	157	171	175	179
Cropland harvested.....	do.	96	104	107	109
Open pasture.....	do.	28	28	26	27
Crops harvested:					
Corn for grain.....	do.	30.7	35.9	39.5	37.2
Corn for silage.....	do.	9.8	8.0	7.5	12.7
Small grains.....	do.	28.9	28.0	27.4	26.4
Hay.....	do.	26.2	32.4	32.9	33.1
Crop yields per harvested acre:					
Corn for grain.....	Bushel	57.4	60.2	68.7	56.3
Corn for silage.....	Ton	9.9	10.4	11.3	8.2
Oats.....	Bushel	50.3	49.5	52.4	48.7
Hay.....	Ton	2.6	3.2	3.0	2.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	32.5	36.7	38.0	38.4
Cows and heifers, 2 years old and over.....	do.	19.7	21.3	21.9	22.2
Chickens.....	do.	145	130	115	106
Milk production per cow.....	Pound	7,630	8,450	8,450	9,060
Pigs raised.....	Number	45	48	46	43
Tractors on farm.....	do.	1.81	2.20	2.22	2.25
Total labor used.....	Hour	3,930	4,190	4,200	4,240
Operator and family.....	do.	3,620	3,880	3,860	3,910
Hired.....	do.	310	310	340	330
Total farm capital, Jan. 1.....	Dollar	45,100	53,820	55,240	57,600
Land and buildings.....	do.	29,560	35,230	36,740	39,490
Machinery and equipment.....	do.	6,680	7,280	7,360	7,550
Livestock.....	do.	5,900	7,240	7,380	6,620
Crops.....	do.	2,960	4,070	3,760	3,940
Total cash receipts.....	do.	8,337	10,252	10,562	10,258
Dairy products.....	do.	4,380	5,549	5,568	6,235
Cattle and calves.....	do.	1,190	1,265	1,316	1,218
Hogs.....	do.	1,576	1,639	1,524	1,434
Poultry and eggs.....	do.	574	487	428	388
Crops.....	do.	568	905	1,296	479
Other, including Government payments.....	do.	49	407	430	504
Value of perquisites.....	do.	739	777	782	799
Change in inventory of crops and livestock....	do.	148	350	240	47
Gross farm income.....	do.	9,224	11,379	11,584	11,104

TABLE 13.--Dairy--hog farms, Southeastern Minnesota: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	5,276	6,979	7,275	7,393
Feed purchased.....	do.	688	859	888	911
Livestock purchased.....	do.	55	44	40	40
Other livestock expense.....	do.	263	407	428	447
Fertilizer and lime.....	do.	169	244	294	372
Other crop expense.....	do.	256	492	535	520
Machinery.....	do.	2,307	2,722	2,813	2,787
Farm buildings and fences.....	do.	514	917	889	873
Labor hired.....	do.	294	311	349	339
Taxes.....	do.	575	740	789	848
Other.....	do.	155	243	250	256
Inventory adjustment, machinery and buildings..	do.	-12	-264	-236	-193
Total operating expenses.....	do.	5,264	6,715	7,039	7,200
Net farm income.....	do.	3,960	4,664	4,545	3,904
Purchasing power in 1947-49 dollars.....	do.	3,374	3,855	3,725	3,174
Charge for capital at current interest rates...	do.	2,261	2,960	3,038	3,168
Return per hour, operator and family labor.....	do.	.47	.44	.39	.19
Charge for capital at 4.1 percent interest.....	do.	1,849	2,207	2,265	2,362
Return per hour, operator and family labor.....	do.	.58	.63	.59	.39
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	123	126	120
Net farm income.....	---	100	118	115	99
Net farm production.....	---	100	113	120	109
Crop yields per acre.....	---	100	107	115	99
Production per hour of man labor.....	---	100	106	113	101
Production per unit of input.....	---	100	99	104	91
Operating expense per unit of production.....	---	100	111	110	125
Total cost per unit of production.....	---	100	105	104	118
Power and machinery (quantity).....	---	100	99	99	99
Prices received for products sold.....	---	100	102	99	102
Prices paid, including wages to hired labor..	---	100	105	107	106

¹ Preliminary.

TABLE 14.--Egg-producing farms, New Jersey: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	10	10	10	10
Cropland harvested.....	do.	0	0	0	0
Laying hens on farm, Jan. 1.....	Number	4,687	5,050	5,050	5,100
Chickens raised.....	do.	3,042	2,980	2,856	2,964
Average number of layers on hand, during year.	do.	4,080	4,646	4,696	4,718
Rate of lay, eggs per layer on hand during year.....	do.	195	192	196	199
Total labor used.....	Hour	5,200	5,010	5,080	4,990
Operator and family.....	do.	4,280	4,110	4,170	4,090
Hired.....	do.	920	900	910	900
Total farm capital, Jan. 1.....	Dollar	42,090	44,720	44,080	45,430
Land and buildings.....	do.	32,850	34,870	34,500	35,960
Machinery and equipment.....	do.	1,890	2,270	2,260	2,260
Livestock.....	do.	7,350	7,580	7,320	7,210
Total cash receipts.....	do.	25,410	26,789	26,900	26,265
Eggs.....	do.	24,658	25,834	26,121	25,552
Cull layers.....	do.	752	955	779	713
Value of perquisites.....	do.	922	967	983	1,034
Change in inventory of crops and livestock....	do.	182	---	72	140
Gross farm income.....	do.	26,514	27,756	27,955	27,439

TABLE 14. --Egg-producing farms, New Jersey: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	25,487	25,323	25,862	24,969
Feed purchased.....	do.	19,286	19,484	20,081	19,300
Baby chicks.....	do.	1,419	1,225	1,142	1,123
Other poultry expense.....	do.	490	557	571	504
Machinery.....	do.	926	1,023	1,028	1,036
Brooder fuel.....	do.	183	146	131	127
Farm buildings.....	do.	1,530	983	914	915
Labor hired.....	do.	840	892	961	927
Taxes.....	do.	434	556	563	570
Telephone.....	do.	33	45	45	45
Electricity.....	do.	230	245	248	251
Insurance.....	do.	34	46	47	48
Miscellaneous expenses.....	do.	82	121	131	123
Inventory adjustment, machinery and buildings.	do.	-715	---	---	---
Total operating expenses.....	do.	24,772	25,323	25,862	24,969
Net farm income.....	do.	1,742	2,433	2,093	2,470
Purchasing power in 1947-49 dollars.....	do.	1,488	2,011	1,716	2,008
Charge for capital at current interest rates..	do.	2,317	2,571	2,535	2,612
Return per hour, operator and family labor....	do.	.14	.03	.11	.03
Charge for capital at 4.1 percent interest....	do.	1,725	1,834	1,807	1,863
Return per hour, operator and family labor....	do.	(²)	.15	.07	.15
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	105	105	103
Net farm income.....	---	100	140	120	142
Net farm production.....	---	100	114	130	143
Rate of lay.....	---	100	98	101	102
Production per hour of man labor.....	---	100	118	133	149
Production per unit of input.....	---	100	102	106	109
Operating expense per unit of production....	---	100	92	91	86
Total cost per unit of production.....	---	100	93	92	87
Power and machinery (quantity).....	---	100	103	99	97
Prices received for products sold.....	---	100	94	92	88
Prices paid, including wages to hired labor	---	100	93	95	92

¹ Preliminary. ² Less than one.

TABLE 15.--Broiler farms, Maine: Organization, production, costs and returns, 1964, with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	102	92	90	88
Cropland harvested.....	do.	3.6	2.4	2.5	2.5
Hay harvested.....	do.	3.6	2.4	2.5	2.5
Hay yield per harvested acre.....	Ton	1.20	1.18	1.20	1.10
Birds started, per lot.....	Number	13,951	15,524	15,858	16,429
Broilers produced annually:					
Number.....	do.	54,790	63,244	64,655	67,900
Pounds.....	Pound	208,215	252,976	265,086	278,390
Tractors on farm.....	Number	.56	.54	.51	.51
Total labor used.....	Hour	2,300	2,300	2,290	2,330
Operator and family.....	do.	1,910	1,930	1,920	1,960
Hired.....	do.	390	370	370	370
Total farm capital, Jan. 1.....	Dollar	23,970	30,330	31,420	33,160
Land and buildings.....	do.	17,690	21,970	22,770	24,340
Machinery and equipment.....	do.	6,280	8,360	8,650	8,820
Total cash receipts.....	do.	5,645	6,992	7,232	7,298
Broilers.....	do.	5,253	6,704	6,983	7,062
Crops.....	do.	110	75	76	73
Forest products.....	do.	98	94	94	94
Other, including Government payments.....	do.	184	119	79	69
Value of perquisites.....	do.	329	360	363	383
Gross farm income.....	do.	5,974	7,352	7,595	7,681

TABLE 15.--Broiler farms, Maine: Organization, production, costs and returns, 1964, with comparisons¹--Continued

Item	Unit	Average 1957-59	1962	1963	1964 ²
Total cash expenditures ³	Dollar	3,841	4,704	4,452	4,725
Machinery.....	do.	1,451	1,558	1,476	1,445
Farm buildings.....	do.	1,245	1,818	1,588	1,843
Hired labor.....	do.	407	423	435	429
Taxes.....	do.	314	417	445	477
Electricity and miscellaneous broiler expense.....	do.	358	397	414	433
Other.....	do.	66	91	94	98
Inventory adjustment, machinery and building..	do.	-723	-802	-522	-736
Total operating expenses.....	do.	3,118	3,902	3,930	3,989
Net farm income.....	do.	2,856	3,450	3,665	3,692
Purchasing power in 1947-49 dollars.....	do.	2,433	2,851	3,004	3,002
Charge for capital at current interest rates..	do.	1,321	1,744	1,807	1,907
Return per hour, operator and family labor....	do.	.80	.88	.97	.91
Charge for capital at 4.1 percent interest....	do.	983	1,244	1,288	1,360
Return per hour, operator and family labor....	do.	.98	1.14	1.24	1.19
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	123	127	129
Net farm income.....	---	100	121	128	129
Net farm production.....	---	100	113	114	118
Broilers produced annually.....	---	100	121	127	134
Production per hour of man labor.....	---	100	113	115	116
Production per unit of input.....	---	100	105	104	103
Operating expense per unit of production....	---	100	111	110	108
Total cost per unit of production.....	---	100	107	107	106
Power and machinery (quantity).....	---	100	118	118	117
Prices received for products sold.....	---	100	109	111	109
Prices paid, including wages to hired labor.	---	100	109	109	106

¹ Revised. ² Preliminary. ³ Feed, chicks, medicines, and related items are supplied by the integrators.

TABLE 16.--Broiler farms, Delmarva: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	5	5	5	5
Birds started, per lot.....	Number	9,110	11,535	13,156	13,721
Broilers produced annually:					
Number.....	do.	30,557	42,742	49,893	53,237
Pounds.....	Pound	105,805	162,420	189,593	202,301
Tractors on farm.....	Number	.19	.21	.21	.21
Total labor used.....	Hour	1,250	1,610	1,830	1,840
Operator and family.....	do.	880	1,370	1,630	1,600
Hired.....	do.	370	240	200	240
Total farm capital, Jan. 1.....	Dollar	11,110	16,050	18,050	20,090
Land and buildings.....	do.	9,480	13,570	15,680	17,320
Machinery and equipment.....	do.	1,630	2,480	2,370	2,770
Total cash receipts.....	do.	2,163	3,393	3,723	4,116
Broilers.....	do.	2,163	3,393	3,723	4,116
Other, including Government payments.....	do.	---	---	---	---
Value of perquisites.....	do.	452	528	552	586
Gross farm income.....	do.	2,615	3,921	4,275	4,702

TABLE 16.--Broiler farms, Delmarva: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures ²	Dollar	2,153	2,252	3,964	3,038
Electricity and miscellaneous broiler expense	do.	111	149	176	188
Machinery.....	do.	795	881	1,101	932
Farm buildings.....	do.	784	836	2,321	1,485
Hired labor.....	do.	371	253	214	254
Taxes.....	do.	54	82	94	115
Other.....	do.	38	51	58	64
Inventory adjustment, machinery and buildings..	do.	-682	-551	-1,930	-769
Total operating expenses.....	do.	1,471	1,701	2,034	2,269
Net farm income.....	do.	1,144	2,220	2,241	2,433
Purchasing power in 1947-49 dollars.....	do.	974	1,835	1,837	1,978
Charge for capital at current interest rates...	do.	613	963	1,083	1,205
Return per hour, operator and family labor.....	do.	.60	.92	.71	.77
Charge for capital at 4.1 percent interest.....	do.	456	658	740	824
Return per hour, operator and family labor.....	do.	.78	1.14	.92	1.01
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	150	163	180
Net farm income.....	---	100	194	196	213
Net farm production.....	---	100	132	151	160
Broilers produced annually.....	---	100	154	179	191
Production per hour of man labor.....	---	100	102	103	108
Production per unit of input.....	---	100	108	109	111
Operating expense per unit of production.....	---	100	88	91	97
Total cost per unit of production.....	---	100	103	106	107
Power and machinery (quantity).....	---	100	134	136	141
Prices received for products sold.....	---	100	114	107	111
Prices paid, including wages to hired labor..	---	100	110	114	118

¹ Preliminary. ² Feed, chicks, medicines, and related items are supplied by the integrators.

TABLE 17.--Broiler-crop farms, Delmarva: Organization, production, costs and returns, 1964, with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	106	112	113	114
Cropland harvested.....	do.	79	88	93	94
Crops harvested:					
Corn.....	do.	37.8	34.0	43.5	43.1
Soybeans.....	do.	40.9	53.6	49.8	50.8
Crop yields per harvested acre:					
Corn.....	Bushel	48.8	59.6	51.8	56.2
Soybeans.....	do.	22.4	20.2	17.5	15.1
Birds started, per lot.....	Number	10,401	13,178	15,109	15,553
Broilers produced annually:					
Number.....	do.	38,014	49,213	56,280	59,590
Pounds.....	Pound	131,574	187,009	213,864	226,442
Total labor used.....	Hour	2,230	2,470	2,650	2,680
Operator and family.....	do.	2,010	2,180	2,330	2,370
Hired.....	do.	220	290	320	310
Total farm capital, Jan. 1.....	Dollar	30,910	45,200	46,860	51,320
Land and buildings.....	do.	23,720	36,050	37,340	40,900
Machinery and equipment.....	do.	7,130	9,150	9,520	10,420
Crops and livestock.....	do.	60	---	---	---
Total cash receipts.....	do.	7,068	9,202	9,642	9,836
Broilers.....	do.	2,680	3,907	4,199	4,607
Crops.....	do.	4,254	5,083	5,372	5,143
Livestock and livestock products.....	do.	91	---	---	---
Other, including Government payments.....	do.	43	212	71	86
Value of perquisites.....	do.	501	572	596	631
Change in inventory of crops and livestock....	do.	-12	---	---	---
Gross farm income.....	do.	7,557	9,774	10,238	10,467

TABLE 17.--Broiler-crop farms, Delmarva: Organization, production, costs and returns, 1964, with comparisons¹--Continued

Item	Unit	Average 1957-59	1962	1963	1964 ²
Total cash expenditures ³	Dollar	3,623	4,807	6,966	5,095
Feed purchased and livestock expense.....	do.	53	38	44	46
Fertilizer and lime.....	do.	553	492	585	597
Other crop expense.....	do.	256	277	314	316
Machinery.....	do.	1,619	2,102	2,518	2,025
Farm buildings and fences.....	do.	638	1,242	2,774	1,378
Hired labor.....	do.	221	307	343	326
Taxes.....	do.	129	158	171	177
Other.....	do.	154	191	217	230
Inventory adjustment, machinery and buildings.	do.	-398	-1,012	-2,682	-650
Total operating expenses.....	do.	3,225	3,795	4,284	4,445
Net farm income.....	do.	4,332	5,979	5,954	6,022
Purchasing power in 1947-49 dollars.....	do.	3,684	4,941	4,880	4,896
Charge for capital at current interest rates..	do.	1,742	2,754	2,859	3,126
Return per hour, operator and family labor....	do.	1.29	1.48	1.33	1.22
Charge for capital at 4.1 percent interest ⁴ ...	do.	1,307	1,895	1,968	2,151
Return per hour, operator and family labor....	do.	1.50	1.87	1.71	1.63
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	129	135	138
Net farm income.....	---	100	138	137	139
Net farm production.....	---	100	117	122	125
Broilers produced annually.....	---	100	142	163	172
Production per hour of man labor.....	---	100	106	103	104
Production per unit of input.....	---	100	108	103	103
Operating expense per unit of production....	---	100	100	108	110
Total cost per unit of production.....	---	100	104	109	112
Power and machinery (quantity).....	---	100	122	127	129
Prices received for products sold.....	---	100	109	111	110
Prices paid, including wages to hired labor.	---	100	108	110	109

¹ Revised. ² Preliminary. ³ Feed, chicks, medicines, and related items are supplied by the integrators. ⁴ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 18.--Broiler farms, Georgia: Organization, production, costs and returns, 1964,
with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	64	65	65	65
Cropland harvested.....	do.	6.29	4.35	3.85	3.50
Crops harvested:					
Corn.....	do.	4.34	3.10	2.80	2.60
Hay.....	do.	1.95	1.25	1.05	.90
Crop yields per harvested acre:					
Corn.....	Bushel	28.1	30.0	43.0	42.0
Hay.....	Ton	1.17	1.34	1.58	1.65
Birds started, per lot.....	Number	6,317	7,068	7,203	7,335
Broilers produced annually:					
Number.....	do.	22,083	25,850	26,966	28,314
Pounds.....	Pound	70,665	85,305	88,988	96,268
Tractors on farm.....	Number	.60	.64	.64	.64
Total labor used.....	Hour	1,690	1,570	1,580	1,560
Operator and family.....	do.	1,580	1,430	1,440	1,430
Hired.....	do.	110	140	140	130
Total farm capital, Jan. 1.....	Dollar	12,610	15,710	16,050	17,580
Land and buildings.....	do.	8,320	10,730	11,020	12,610
Machinery and equipment.....	do.	3,540	4,080	4,130	4,080
Crops and livestock	do.	750	900	900	890
Total cash receipts.....	do.	2,012	2,201	2,163	2,122
Broilers.....	do.	1,590	1,758	1,672	1,727
Livestock and livestock products.....	do.	239	206	179	140
Crops.....	do.	22	54	75	78
Other, including Government payments.....	do.	161	183	237	177
Value of perquisites.....	do.	465	440	454	493
Change in inventory of crops and livestock....	do.	13	-23	24	-7
Gross farm income.....	do.	2,490	2,618	2,641	2,608

TABLE 18.--Broiler farms, Georgia: Organization, production, costs and returns, 1964, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Total cash expenditures ³	Dollar	1,853	1,807	1,826	1,849
Feed purchased and livestock expense.....	do.	336	385	395	397
Fertilizer, lime, and other crop expense.....	do.	46	37	34	33
Machinery.....	do	950	894	898	903
Farm buildings and fences.....	do.	373	278	277	280
Hired labor.....	do.	64	95	99	95
Taxes.....	do.	38	56	58	73
Other.....	do.	46	62	65	68
Inventory adjustment, machinery and buildings.	do.	-349	-26	12	41
Total operating expenses.....	do.	1,504	1,781	1,838	1,890
Net farm income.....	do.	986	837	803	718
Purchasing power in 1947-49 dollars.....	do.	840	692	658	584
Charge for capital at current interest rates..	do.	695	943	963	1,055
Return per hour, operator and family labor....	do.	.18	-.07	-.11	-.24
Charge for capital at 4.1 percent interest....	do.	517	644	658	(4)
Return per hour, operator and family labor....	do.	.30	.13	.10	
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	105	106	105
Net farm income.....	---	100	85	82	73
Net farm production.....	---	100	107	112	114
Broilers produced annually.....	---	100	121	126	136
Production per hour of man labor.....	---	100	115	120	123
Production per unit of input.....	---	100	104	107	107
Operating expense per unit of production....	---	100	111	109	111
Total cost per unit of production.....	---	100	107	106	110
Power and machinery (quantity).....	---	100	102	100	97
Prices received for products sold.....	---	100	96	88	86
Prices paid, including wages to hired labor.	---	100	108	108	110

¹ Revised. ² Preliminary. ³ Feed, chicks and medicines are supplied by the broiler contracting firm. Litter and brooder fuel are furnished by growers. ⁴ Less than one.

TABLE 19.--Hog-dairy farms, Corn Belt: Organization, production, costs and returns, 1964, with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	170	184	186	188
Cropland harvested.....	do.	123	118	123	125
Crops harvested:					
Corn for grain.....	do.	53.7	46.5	51.0	53.4
Corn for silage.....	do.	4.1	5.5	6.0	6.3
Oats.....	do.	33.4	32.0	32.7	31.7
Hay.....	do.	32.1	33.8	33.5	33.6
Crop yields per harvested acre:					
Corn for grain.....	Bushel	71.0	72.9	76.0	76.6
Corn for silage.....	Ton	13.0	15.7	15.9	16.0
Oats.....	Bushel	52.9	48.1	54.3	56.8
Hay.....	Ton	2.3	2.6	2.5	2.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	36.0	39.1	40.3	41.8
Cows and heifers, 2 years old and over.....	do.	20.5	22.0	22.5	22.9
Pigs raised.....	do.	193	227	231	222
Milk production per cow.....	Pound	7,220	8,710	9,100	9,800
Tractors on farm.....	Number	2.08	2.17	2.17	2.18
Total labor used.....	Hour	4,490	4,550	4,580	4,620
Operator and family.....	do.	3,600	3,600	3,600	3,600
Hired.....	do.	890	950	980	1,020
Total farm capital, Jan. 1.....	Dollar	57,120	68,420	69,760	74,540
Land and buildings.....	do.	38,710	46,920	47,800	53,020
Machinery and equipment.....	do.	6,830	7,880	8,080	8,310
Livestock.....	do.	7,480	8,730	8,760	7,930
Crops.....	do.	4,100	4,890	5,120	5,280
Total cash receipts.....	do.	13,918	16,600	16,772	17,273
Crops.....	do.	655	0	0	0
Cattle and calves.....	do.	1,631	1,687	1,704	1,692
Hogs.....	do.	7,048	8,201	7,849	7,430
Dairy products.....	do.	4,335	6,041	6,511	7,248
Poultry and eggs.....	do.	141	73	34	33
Other, including Government payments.....	do.	108	598	674	870
Value of perquisites.....	do.	805	848	843	846
Change in inventory of crops and livestock.....	do.	361	419	188	139
Gross farm income.....	do.	15,084	17,867	17,803	18,258

TABLE 19.--Hog-dairy farms, Corn Belt: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Total cash expenditures.....	Dollar	7,989	11,125	11,255	11,388
Feed purchased.....	do.	1,414	3,050	2,752	2,540
Livestock expense.....	do.	709	980	1,056	1,109
Fertilizer and lime.....	do.	569	617	627	665
Other crop expense.....	do.	530	597	611	633
Machinery.....	do.	2,317	2,857	3,007	3,077
Farm buildings and fences.....	do.	655	830	885	890
Labor hired.....	do.	929	1,074	1,125	1,207
Taxes.....	do.	607	814	860	891
Other.....	do.	259	306	332	376
Inventory adjustment, machinery and buildings	do.	-159	-254	-302	-303
Total operating expenses.....	do.	7,830	10,871	10,953	11,085
Net farm income.....	do.	7,254	6,996	6,850	7,173
Purchasing power in 1947-49 dollars.....	do.	6,183	5,782	5,615	5,832
Charge for capital at current interest rates..	do.	2,878	3,763	3,837	4,100
Return per hour, operator and family labor....	do.	1.22	.90	.84	.85
Charge for capital at 4.1 percent interest....	do.	2,342	2,805	2,860	3,056
Return per hour, operator and family labor....	do.	1.36	1.16	1.11	1.14
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	118	118	121
Net farm income.....	---	100	96	94	99
Net farm production.....	---	100	105	113	118
Crop yields per acre.....	---	100	103	107	108
Production per hour of man labor.....	---	100	103	111	115
Production per unit of input.....	---	100	97	102	104
Operating expense per unit of production....	---	100	121	117	116
Total cost per unit of production.....	---	100	111	108	108
Power and machinery (quantity).....	---	100	106	106	106
Prices received for products sold.....	---	100	100	95	94
Prices paid, including wages to hired labor.	---	100	107	110	111

¹ Revised. ² Preliminary.

TABLE 20. --Hog fattening--beef raising farms, Corn Belt: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	239	267	280	288
Cropland harvested.....	do.	108	119	132	138
Crops harvested:					
Corn.....	do.	38.9	41.0	55.0	58.3
Small grains.....	do.	20.1	18.0	16.0	15.0
Soybeans.....	do.	14.3	24.0	26.0	29.0
Hay.....	do.	34.6	36.0	34.9	36.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	62.0	61.0	63.0	67.1
Oats.....	do.	36.2	38.0	45.4	45.7
Soybeans.....	do.	25.8	25.5	27.4	24.7
Hay.....	Ton	1.8	1.9	1.9	2.3
Livestock on farm, Jan. 1:					
All cattle.....	Number	33.2	39.9	41.0	44.0
Cows and heifers, 2 years old and over.....	do.	19.7	21.0	21.3	23.6
Chickens.....	do.	78	52	53	51
Pigs raised.....	do.	96	125	137	148
Tractors on farm.....	do.	1.66	1.78	1.79	1.79
Total labor used.....	Hour	3,470	3,660	3,720	3,710
Operator and family.....	do.	3,230	3,410	3,420	3,340
Hired.....	do.	240	250	300	370
Total farm capital, Jan. 1.....	Dollar	44,490	54,500	58,890	62,650
Land and buildings.....	do.	29,220	37,110	41,160	44,350
Machinery and equipment.....	do.	5,330	6,180	6,400	6,650
Livestock.....	do.	6,580	7,410	7,600	7,160
Crops.....	do.	3,360	3,800	3,730	4,490
Total cash receipts.....	do.	7,758	9,386	9,221	10,647
Crops.....	do.	1,348	1,421	1,766	2,561
Cattle and calves.....	do.	2,003	2,596	1,994	2,124
Hogs.....	do.	3,392	4,434	4,333	4,844
Dairy products.....	do.	420	196	146	136
Poultry and eggs.....	do.	320	197	202	198
Other, including Government payments.....	do.	275	542	780	784
Value of perquisites.....	do.	562	685	725	743
Change in inventory of crops and livestock....	do.	303	70	1,242	832
Gross farm income.....	do.	8,623	10,141	11,188	12,222

TABLE 20.--Hog fattening--beef raising farms, Corn Belt: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	5,027	6,682	7,614	8,336
Feed purchased.....	do.	811	1,131	1,274	1,363
Livestock purchased.....	do.	38	23	39	39
Other livestock expense.....	do.	152	221	324	340
Fertilizer and lime.....	do.	352	549	567	600
Other crop expense.....	do.	260	392	457	498
Machinery.....	do.	2,043	2,315	2,683	3,019
Farm buildings and fences.....	do.	622	760	825	835
Labor hired.....	do.	230	256	312	401
Taxes.....	do.	431	851	924	996
Other.....	do.	88	184	209	245
Inventory adjustment, machinery and buildings.	do.	-378	-379	-379	-509
Total operating expenses.....	do.	4,649	6,303	7,235	7,827
Net farm income.....	do.	3,974	3,838	3,953	4,395
Purchasing power in 1947-49 dollars.....	do.	3,387	3,172	3,240	3,573
Charge for capital at current interest rates..	do.	2,370	3,135	3,396	3,615
Return per hour, operator and family labor....	do.	.50	.21	.16	.23
Charge for capital at 4.1 percent interest ² ...	do.	1,923	2,371	2,571	2,738
Return per hour, operator and family labor....	do.	.63	.43	.40	.50
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	118	130	142
Net farm income.....	---	100	97	99	111
Net farm production.....	---	100	107	128	143
Crop yields per acre.....	---	100	102	106	114
Production per hour of man labor.....	---	100	102	120	134
Production per unit of input.....	---	100	94	104	111
Operating expense per unit of production.....	---	100	121	119	116
Total cost per unit of production.....	---	100	113	106	101
Power and machinery (quantity).....	---	100	107	110	115
Prices received for products sold.....	---	100	104	98	101
Prices paid, including wages to hired labor..	---	100	107	109	111

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 21. --Hog-beef fattening farms, Corn Belt: Organization, production, costs and returns, 1964, with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	247	263	266	270
Cropland harvested.....	do.	180	186	191	195
Crops harvested:					
Corn.....	do.	85.4	89.0	95.2	96.6
Oats.....	do.	40.3	34.0	33.0	31.6
Soybeans.....	do.	9.5	16.7	17.6	20.9
Hay.....	do.	35.7	35.2	34.1	34.3
Crop yields per harvested acre:					
Corn for grain.....	Bushel	68.7	81.3	80.2	79.7
Oats.....	do.	47.6	46.6	48.0	50.2
Soybeans.....	Ton	27.7	29.4	32.0	29.3
Hay.....	do.	2.1	2.6	2.4	2.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	61.6	78.3	82.0	85.2
Cows and heifers, 2 years old and over.....	do.	3.7	2.0	2.0	2.0
Purchased feeder cattle.....	do.	52.1	73.1	76.8	80.0
Pigs raised.....	do.	230	269	283	272
Tractors on farm.....	do.	2.30	2.58	2.62	2.64
Total labor used.....	Hour	3,750	3,860	3,920	3,940
Operator and family.....	do.	3,200	3,200	3,200	3,200
Hired.....	do.	550	660	720	740
Total farm capital, Jan. 1.....	Dollar	92,920	113,770	122,990	123,720
Land and buildings.....	do.	64,660	77,850	84,320	86,130
Machinery and equipment.....	do.	8,350	9,700	10,100	10,470
Livestock.....	do.	11,900	15,540	17,230	15,640
Crops.....	do.	8,010	10,680	11,340	11,480
Total cash receipts.....	do.	24,472	35,550	32,116	33,190
Crops.....	do.	663	1,276	1,345	1,552
Cattle and calves.....	do.	14,944	23,958	20,427	21,775
Hogs.....	do.	8,404	9,566	9,217	8,986
Other livestock and livestock products.....	do.	171	103	106	102
Other, including Government payments.....	do.	290	647	1,021	775
Value of perquisites.....	do.	875	921	899	921
Change in inventory of crops and livestock....	do.	23	707	310	275
Gross farm income.....	do.	25,370	37,178	33,325	34,386

TABLE 21.--Hog-beef fattening farms, Corn Belt: Organization, production, cost and returns, 1964, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Total cash expenditures.....	Dollar	16,098	24,276	26,554	26,083
Feed purchased.....	do.	2,246	5,877	6,307	6,418
Livestock purchased.....	do.	7,042	9,693	10,983	9,897
Other livestock expense.....	do.	548	799	859	874
Fertilizer and lime.....	do.	564	840	916	982
Other crop expense.....	do.	720	885	964	998
Machinery.....	do.	2,788	3,424	3,565	3,844
Farm buildings and fences.....	do.	566	631	645	665
Labor hired.....	do.	578	760	850	888
Taxes.....	do.	810	1,093	1,176	1,227
Other.....	do.	236	274	289	290
Inventory adjustment, machinery and buildings.	do.	-122	-220	-235	-340
Total operating expenses.....	do.	15,976	24,056	26,319	25,743
Net farm income.....	do.	9,394	13,122	7,006	8,643
Purchasing power in 1947-49 dollars.....	do.	8,074	10,845	5,743	7,027
Charge for capital at current interest rates..	do.	4,929	6,617	7,149	7,202
Return per hour, operator and family labor....	do.	1.40	2.03	-.04	.45
Charge for capital at 4.1 percent interest....	do.	3,997	5,025	5,428	5,470
Return per hour, operator and family labor....	do.	1.69	2.53	.49	.99
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	147	131	136
Net farm income.....	---	100	140	75	92
Net farm production.....	---	100	120	125	127
Crop yields per acre.....	---	100	115	114	114
Production per hour of man labor.....	---	100	116	119	121
Production per unit of input.....	---	100	103	104	104
Operating expense per unit of production....	---	100	111	117	112
Total cost per unit of production.....	---	100	104	108	105
Power and machinery (quantity).....	---	100	107	109	111
Prices received for products sold.....	---	100	107	91	92
Prices paid, including wages to hired labor.	---	100	106	112	106

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit association on loans outstanding.

TABLE 22. --Cash grain farms, Corn Belt: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	237	261	271	283
Cropland harvested.....	do.	196	198	217	233
Crops harvested:					
Corn.....	do.	86.0	85.0	94.4	103.2
Small grains.....	do.	37.1	28.0	29.0	27.1
Soybeans.....	do.	55.4	72.0	80.0	90.2
Hay.....	do.	17.0	13.0	13.5	12.3
Crop yields per harvested acre:					
Corn for grain.....	Bushel	74.3	90.0	92.0	91.3
Oats.....	do.	41.9	58.8	63.0	50.2
Soybeans.....	do.	29.0	30.2	31.2	28.6
Hay.....	Ton	1.94	2.14	2.06	2.19
Livestock on farm, Jan. 1:					
All cattle.....	Number	18.2	16.1	13.4	9.9
Cows and heifers, 2 years old and over.....	do.	7.7	7.1	6.0	4.7
Chickens.....	do.	98	62	56	55
Pigs raised.....	do.	36.4	39.0	35.1	32.4
Tractors on farm.....	do.	2.19	2.50	2.50	2.50
Total labor used.....	Hour	3,290	3,140	3,170	3,240
Operator and family.....	do.	2,930	2,830	2,850	2,920
Hired.....	do.	360	310	320	320
Total farm capital, Jan. 1.....	Dollar	100,090	118,220	129,140	140,870
Land and buildings.....	do.	88,230	105,970	116,800	128,480
Machinery and equipment.....	do.	7,180	7,620	8,000	8,810
Livestock.....	do.	2,890	2,870	2,540	1,780
Crops.....	do.	1,790	1,760	1,800	1,800
Total cash receipts.....	do.	13,558	18,344	20,878	22,154
Crops.....	do.	10,379	13,741	16,225	18,043
Cattle and calves.....	do.	993	1,578	1,357	962
Hogs.....	do.	1,273	1,432	1,313	1,038
Dairy products.....	do.	267	122	36	46
Poultry and eggs.....	do.	429	266	229	217
Other, including Government payments.....	do.	217	1,205	1,718	1,848
Value of perquisites.....	do.	820	1,017	1,086	1,092
Change in inventory of crops and livestock.....	do.	-3	-442	-576	-594
Gross farm income.....	do.	14,375	18,919	21,388	22,652

TABLE 22.--Cash grain farms, Corn Belt: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	7,607	9,019	10,552	11,106
Feed purchased.....	do.	484	547	473	403
Livestock purchased.....	do.	40	20	24	23
Other livestock expense.....	do.	99	95	89	73
Fertilizer and lime.....	do.	889	1,104	1,571	1,608
Other crop expense.....	do.	489	654	771	845
Machinery.....	do.	3,024	3,604	4,453	4,807
Farm buildings and fences.....	do.	629	705	740	750
Labor hired.....	do.	354	336	349	363
Taxes.....	do.	1,480	1,752	1,859	1,986
Other.....	do.	119	202	223	248
Change in inventory of machinery and buildings	do.	62	-165	-538	-659
Total operating expenses.....	do.	7,669	8,854	10,014	10,447
Net farm income.....	do.	6,706	10,065	11,374	12,205
Purchasing power in 1947-49 dollars.....	do.	5,717	8,318	9,323	9,923
Charge for capital at current interest rates..	do.	5,307	6,669	7,298	7,952
Return per hour, operator and family labor....	do.	.48	1.20	1.43	1.46
Charge for capital at 4.1 percent interest ² ...	do.	4,241	5,014	5,490	5,980
Return per hour, operator and family labor....	do.	.84	1.78	2.06	2.13
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	132	149	158
Net farm income.....	---	100	150	170	182
Net farm production.....	---	100	119	134	140
Crop yields per acre.....	---	100	119	123	117
Production per hour of man labor.....	---	100	125	140	142
Production per unit of input.....	---	100	109	113	115
Operating expense per unit of production....	---	100	111	113	113
Total cost per unit of production.....	---	100	96	95	97
Power and machinery (quantity).....	---	100	100	106	114
Prices received for products sold.....	---	100	105	105	107
Prices paid, including wages to hired labor	---	100	100	102	105

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 23.--Cotton farms, Southern Piedmont: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	203	227	233	240
Cropland harvested.....	do.	62	63	65	65
Crops harvested:					
Cotton.....	do.	21.7	26.4	27.2	26.7
Corn.....	do.	15.2	12.3	13.3	10.9
Small grains.....	do.	16.4	14.5	14.5	17.2
Hay.....	do.	10.0	8.9	10.0	10.1
Crop yields per harvested acre:					
Cotton.....	Pound	358	353	381	480
Corn.....	Bushel	26.6	29.5	35.6	41.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	7.7	8.7	9.0	9.4
Milk cows.....	do.	2.2	2.2	2.2	2.1
Chickens.....	do.	50	50	50	45
Pigs raised.....	do.	4.6	3.7	3.6	3.2
Tractors on farm.....	do.	.80	1.10	1.10	1.10
Total labor used.....	Hour	4,670	4,710	5,000	5,070
Operator and family.....	do.	2,520	2,390	2,450	2,350
Hired.....	do.	1,060	1,400	1,680	1,880
Cropper.....	do.	1,090	920	870	840
Total farm capital, Jan. 1.....	Dollar	20,670	28,660	30,740	32,750
Land and buildings.....	do.	17,420	25,020	27,040	28,950
Machinery and equipment.....	do.	1,910	2,090	2,140	2,210
Livestock.....	do.	870	1,030	1,080	1,050
Crops.....	do.	470	520	480	540
Total cash receipts.....	do.	4,653	5,485	6,069	6,810
Cotton, lint and seed.....	do.	2,833	3,421	3,798	4,350
Other crops.....	do.	977	1,074	1,276	1,407
Cattle.....	do.	299	359	365	302
Other livestock and livestock products.....	do.	353	348	350	337
Other, including Government payments.....	do.	191	283	280	414
Value of perquisites.....	do.	799	798	781	785
Change in inventory of crops and livestock....	do.	29	-43	89	44
Gross farm income.....	do.	5,481	6,240	6,939	7,639

TABLE 23.--Cotton farms, Southern Piedmont: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	3,171	3,613	3,994	4,347
Feed purchased.....	do.	114	107	108	99
Livestock expense.....	do.	47	48	46	48
Fertilizer.....	do.	599	675	703	699
Poison.....	do.	90	188	233	211
Other crop expense.....	do.	108	121	150	217
Ginning.....	do.	164	247	272	336
Machinery.....	do.	898	980	1,028	1,104
Machine work hired.....	do.	80	81	89	100
Farm buildings and fences.....	do.	136	134	137	140
Labor, hired and cropper.....	do.	807	878	1,062	1,214
Taxes.....	do.	95	119	129	139
Other.....	do.	33	35	37	40
Inventory adjustment, machinery and buildings.....	do.	-9	-19	-35	-63
Perquisites for cropper labor.....	do.	125	103	89	81
Total operating expenses.....	do.	3,287	3,697	4,048	4,365
Net farm income.....	do.	2,194	2,543	2,891	3,274
Purchasing power in 1947-49 dollars.....	do.	1,867	2,102	2,370	2,662
Charge for capital at current interest rates..	do.	1,220	1,820	1,955	2,084
Return per hour, operator and family labor....	do.	.39	.30	.38	.51
Charge for capital at 4.1 percent interest ² ...	do.	929	1,275	1,371	1,462
Return per hour, operator and family labor....	do.	.50	.53	.62	.77
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	114	127	139
Net farm income.....	---	100	116	132	149
Net farm production.....	---	100	111	125	143
Crop yields per acre.....	---	100	103	113	137
Production per hour of man labor.....	---	100	110	116	132
Production per unit of input.....	---	100	105	112	125
Operating expense per unit of production....	---	100	101	99	93
Total cost per unit of production.....	---	100	103	100	92
Power and machinery (quantity).....	---	100	103	102	105
Prices received for products sold.....	---	100	102	101	95
Prices paid, including wages to hired labor ³	---	100	105	107	110

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ³ Includes cropper labor.

TABLE 24.--Small cotton farms, Mississippi Delta: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	58	59	60	60
Cropland harvested.....	do.	34	38	38	38
Crops harvested:					
Cotton.....	do.	15	18	16	16
Corn.....	do.	6	3	3	3
Soybeans.....	do.	11	15	17	17
Hay.....	do.	1	1	1	1
Crop yields per harvested acre:					
Cotton.....	Pound	451	494	626	595
Corn.....	Bushel	23.0	27.1	31.9	25.3
Soybeans.....	do.	23.8	21.2	19.3	19.5
Hay.....	Ton	1.3	1.1	1.2	1.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	3.9	3.7	3.8	4.0
Milk cows.....	do.	1.2	1.0	.9	.9
Chickens.....	do.	35	36	36	27
Pigs raised.....	do.	8.1	6.1	6.6	7.0
Tractors on farm.....	do.	.91	.98	1.05	1.10
Total labor used.....	Hour	3,230	3,150	2,890	2,720
Operator and family.....	do.	2,490	2,310	2,030	1,920
Hired.....	do.	740	840	860	800
Total farm capital, Jan. 1.....	Dollar	12,890	14,470	15,460	17,250
Land and buildings.....	do.	9,240	10,620	11,520	13,200
Machinery and equipment.....	do.	2,950	3,150	3,250	3,380
Livestock.....	do.	490	510	520	500
Crops.....	do.	210	190	170	170
Total cash receipts.....	do.	3,483	4,280	5,108	4,762
Cotton, lint and seed.....	do.	2,508	3,186	3,875	3,361
Other crops.....	do.	488	701	859	874
Cattle and hogs.....	do.	388	293	273	293
Poultry and eggs.....	do.	71	73	70	31
Other, including Government payments.....	do.	28	27	31	203
Value of perquisites.....	do.	495	516	480	515
Change in inventory of crops and livestock....	do.	-48	-16	13	-51
Gross farm income.....	do.	3,930	4,780	5,601	5,226

TABLE 24.--Small cotton farms, Mississippi Delta: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	2,175	2,755	2,949	2,897
Feed purchased.....	do.	110	113	143	140
Livestock expense.....	do.	27	23	15	14
Fertilizer and lime.....	do.	155	176	205	199
Poison.....	do.	61	88	82	78
Other crop expense.....	do.	119	132	172	165
Ginning.....	do.	216	298	349	326
Machinery.....	do.	787	1,063	1,127	1,153
Machine work hired.....	do.	215	323	319	309
Farm buildings and fences.....	do.	58	62	64	64
Labor hired.....	do.	327	364	370	343
Taxes.....	do.	58	72	75	78
Other.....	do.	42	41	28	28
Inventory adjustment, machinery and buildings.	do.	88	-59	-56	-54
Total operating expenses.....	do.	2,263	2,696	2,893	2,843
Net farm income.....	do.	1,667	2,084	2,708	2,383
Purchasing power in 1947-49 dollars.....	do.	1,420	1,722	2,220	1,937
Charge for capital at current interest rates..	do.	693	855	912	1,010
Return per hour, operator and family labor....	do.	.39	.53	.88	.72
Charge for capital at 4.1 percent interest ² ...	do.	576	652	696	768
Return per hour, operator and family labor....	do.	.44	.62	.99	.84
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	122	143	133
Net farm income.....	---	100	125	162	143
Net farm production.....	---	100	118	135	127
Crop yields per acre.....	---	100	109	135	125
Production per hour of man labor.....	---	100	122	151	151
Production per unit of input.....	---	100	108	123	120
Operating expense per unit of production....	---	100	100	94	98
Total cost per unit of production.....	---	100	96	86	92
Power and machinery (quantity).....	---	100	105	105	106
Prices received for products sold.....	---	100	103	106	100
Prices paid, including wages to hired labor.	---	100	103	107	108

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 25.--Large-scale cotton farms, Mississippi Delta: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	1,000	1,000	1,000	1,000
Cropland harvested.....	do.	602	604	606	627
Crops harvested:					
Cotton.....	do.	219	266	241	240
Corn.....	do.	41	19	15	12
Oats.....	do.	73	28	12	13
Soybeans.....	do.	236	270	300	294
Wheat.....	do.	---	---	18	45
Hay.....	do.	33	21	20	23
Crop yields per harvested acre:					
Cotton.....	Pound	499	553	695	673
Corn.....	Bushel	38.5	36.9	46.9	37.2
Oats.....	do.	38.1	48.8	41.9	52.3
Soybeans.....	do.	26.0	22.8	21.2	21.3
Wheat.....	do.	---	---	34.4	31.2
Hay.....	Ton	1.8	1.9	1.8	1.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	81.2	75.1	77.4	78.9
Pigs raised.....	do.	32.6	24.8	19.8	14.5
Tractors on farm.....	do.	6.40	6.70	6.70	6.70
Total labor used.....	Hour	35,310	27,020	26,730	25,170
Operator and family.....	do.	3,200	3,200	3,200	3,200
Hired.....	do.	24,340	20,000	20,500	19,920
Cropper.....	do.	7,770	3,820	3,030	2,050
Total farm capital, Jan. 1.....	Dollar	196,760	233,320	251,190	286,620
Land and buildings.....	do.	156,670	190,000	204,000	236,000
Machinery and equipment.....	do.	31,220	33,300	36,840	40,890
Livestock.....	do.	6,830	8,090	8,470	7,860
Crops.....	do.	2,040	1,930	1,880	1,870
Total cash receipts.....	do.	61,252	73,073	84,956	78,107
Cotton, lint and seed.....	do.	40,943	54,032	62,885	56,230
Other crops.....	do.	14,400	14,699	17,256	17,775
Cattle and hogs.....	do.	4,659	3,884	4,232	3,435
Other livestock and livestock products.....	do.	111	163	156	136
Other, including Government payments.....	do.	1,139	295	427	531
Value of perquisites.....	do.	1,786	1,530	1,457	1,399
Change in inventory of crops and livestock.....	do.	-792	27	-54	178
Gross farm income.....	do.	62,246	74,630	86,359	79,684

TABLE 25.--Large-scale cotton farms, Mississippi Delta: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	40,195	43,483	46,899	45,767
Feed purchased.....	do.	648	595	879	762
Livestock expense.....	do.	338	301	283	285
Fertilizer and lime.....	do.	2,795	2,882	3,251	3,344
Poison.....	do.	1,473	1,881	1,475	1,384
Other crop expense.....	do.	2,220	2,795	2,985	2,913
Ginning.....	do.	3,487	4,972	5,645	5,443
Machinery.....	do.	9,572	12,479	14,307	14,604
Machine work hired.....	do.	1,506	2,203	1,560	1,542
Farm buildings and fences.....	do.	1,118	1,350	1,505	1,440
Labor, hired and cropper.....	do.	15,512	12,162	13,068	12,055
Taxes.....	do.	1,279	1,627	1,681	1,735
Other.....	do.	247	236	260	260
Inventory adjustment, machinery and buildings.....	do.	1,239	-817	-930	-862
Perquisites for cropper labor.....	do.	569	301	223	156
Total operating expenses.....	do.	42,003	42,967	46,192	45,061
Net farm income.....	do.	20,243	31,663	40,167	34,623
Purchasing power in 1947-49 dollars.....	do.	17,218	26,168	32,924	28,149
Charge for capital at current interest rates..	do.	10,996	14,033	15,128	17,060
Return to operator and family labor.....	do.	9,247	17,630	25,039	17,563
Charge for capital at 4.1 percent interest ² ...	do.	9,208	10,766	11,612	13,047
Return to operator and family labor.....	do.	11,035	20,897	28,555	21,576
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	--	100	120	139	128
Net farm income.....	--	100	156	198	171
Net farm production.....	--	100	116	130	128
Crop yields per acre.....	--	100	108	131	127
Production per hour of man labor.....	--	100	152	172	181
Production per unit of input.....	--	100	119	131	132
Operating expense per unit of production....	--	100	87	83	83
Total cost per unit of production.....	--	100	90	87	88
Power and machinery (quantity).....	--	100	104	112	121
Prices received for products sold.....	--	100	105	109	102
Prices paid, including wages to hired labor ³	--	100	107	113	113

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ³ Includes crop per labor.

TABLE 26.--Cotton farms, Black Prairie, Texas: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	224	274	287	300
Cropland harvested.....	do.	132	152	159	166
Crops harvested:					
Cotton.....	do.	55.2	80.6	80.4	81.3
Corn.....	do.	25.6	21.1	21.5	19.5
Oats.....	do.	12.7	15.5	15.7	18.2
Grain sorghum.....	do.	25.5	22.0	26.7	28.2
Hay and forage.....	do.	12.9	12.9	14.3	19.1
Crop yields per harvested acre:					
Cotton.....	Pound	201	190	240	205
Corn.....	Bushel	26.1	30.9	28.6	37.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	13.6	17.0	18.2	18.4
Milk cows.....	do.	1.4	1.0	1.0	1.0
Beef cows.....	do.	5.9	8.0	8.8	9.2
Chickens.....	do.	60	59	58	56
Pigs raised.....	do.	6.5	5.8	5.1	4.4
Tractors on farm.....	do.	1.62	1.98	2.05	2.15
Total labor used.....	Hour	3,260	3,200	2,800	2,830
Operator and family.....	do.	2,290	2,330	2,310	2,320
Hired.....	do.	970	870	490	510
Total farm capital, Jan. 1.....	Dollar	37,670	52,380	57,330	62,170
Land and buildings.....	do.	31,130	43,560	47,890	52,500
Machinery and equipment.....	do.	4,450	6,080	6,490	7,020
Livestock.....	do.	1,570	2,210	2,380	2,070
Crops.....	do.	520	530	570	580
Total cash receipts.....	do.	6,502	8,481	10,269	9,580
Cotton, lint and seed.....	do.	3,570	5,305	6,734	5,217
Other crops.....	do.	1,701	1,793	2,108	3,080
Cattle.....	do.	462	607	707	491
Hogs.....	do.	173	165	146	112
Other livestock and livestock products.....	do.	273	245	246	234
Other, including Government payments.....	do.	323	366	328	446
Value of perquisites.....	do.	580	587	584	616
Change in inventory of crops and livestock...	do.	79	176	-56	187
Gross farm income.....	do.	7,161	9,244	10,797	10,383

TABLE 26.--Cotton farms, Black Prairie, Texas: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	4,303	5,357	5,449	5,697
Feed purchased.....	do.	160	153	157	150
Livestock expense.....	do.	53	56	58	59
Poison.....	do.	114	185	201	161
Other crop expense.....	do.	365	679	759	874
Ginning.....	do.	369	567	664	573
Machinery.....	do.	1,866	2,225	2,293	2,457
Machine work hired.....	do.	291	391	441	488
Farm buildings and fences.....	do.	207	246	252	260
Labor hired.....	do.	659	553	300	325
Taxes.....	do.	152	226	246	268
Other.....	do.	67	76	78	82
Inventory adjustment, machinery and buildings.	do.	-69	45	46	18
Total operating expenses.....	do.	4,234	5,402	5,495	5,715
Net farm income.....	do.	2,927	3,842	5,302	4,668
Purchasing power in 1947-49 dollars.....	do.	2,491	3,175	4,346	3,795
Charge for capital at current interest rates..	do.	2,033	2,994	3,263	3,536
Return per hour, operator and family labor....	do.	.39	.36	.88	.49
Charge for capital at 4.1 percent interest ² ...	do.	1,633	2,261	2,461	2,666
Return per hour, operator and family labor....	do.	.56	.68	1.23	.86
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	129	151	145
Net farm income.....	---	100	131	181	159
Net farm production.....	---	100	124	144	146
Crop yields per acre.....	---	100	102	115	117
Production per hour of man labor.....	---	100	126	168	169
Production per unit of input.....	---	100	105	118	117
Operating expense per unit of production....	---	100	103	91	93
Total cost per unit of production.....	---	100	103	92	96
Power and machinery (quantity).....	---	100	124	129	137
Prices received for products sold.....	---	100	105	107	100
Prices paid, including wages to hired labor.	---	100	105	104	105

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 27.--Nonirrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	425	505	527	550
Cropland harvested.....	do.	296	323	324	246
Crops harvested:					
Cotton.....	do.	135.3	177.6	172.0	154.6
Grain sorghum.....	do.	154.9	139.5	145.0	87.2
Forage.....	do.	5.9	6.3	6.6	4.2
Crop yields per harvested acre:					
Cotton.....	Pound	247	206	253	120
Grain sorghum.....	Cwt.	10.83	11.03	12.86	4.75
Forage.....	Ton	1.7	2.5	2.6	.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	4.8	5.4	5.5	5.7
Milk cows.....	do.	.9	.7	.7	.7
Beef cows.....	do.	1.5	2.0	2.0	2.1
Chickens.....	do.	44	29	26	24
Pigs raised.....	do.	4.8	5.1	4.5	5.1
Tractors on farm.....	do.	1.95	2.20	2.22	2.25
Total labor used.....	Hour	4,430	4,000	4,150	3,060
Operator and family.....	do.	1,800	1,950	1,960	1,850
Hired.....	do.	2,630	2,050	2,190	1,210
Total farm capital, Jan. 1.....	Dollar	54,190	78,960	84,950	94,170
Land and buildings.....	do.	45,910	68,170	73,780	82,500
Machinery and equipment.....	do.	7,350	9,700	10,080	10,590
Livestock.....	do.	630	780	790	720
Crops.....	do.	300	310	300	360
Total cash receipts.....	do.	14,316	15,911	19,050	8,465
Cotton, lint and seed.....	do.	11,073	12,294	14,843	5,732
Other crops.....	do.	2,434	2,422	3,231	634
Cattle.....	do.	168	219	194	249
Hogs.....	do.	121	165	106	146
Poultry and eggs.....	do.	182	105	91	79
Other, including Government payments.....	do.	338	706	585	1,625
Value of perquisites.....	do.	630	639	639	642
Change in inventory of crops and livestock.....	do.	32	-32	53	-202
Gross farm income.....	do.	14,978	16,518	19,742	8,905

TABLE 27.--Nonirrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	7,890	8,726	9,652	7,076
Feed purchased.....	do.	153	121	120	115
Livestock expense.....	do.	46	39	36	37
Poison.....	do.	.35	27	36	19
Other crop expense.....	do.	267	383	409	444
Ginning.....	do.	1,083	1,416	1,688	720
Machinery.....	do.	3,474	4,149	4,418	3,939
Machine work hired.....	do.	327	304	344	168
Farm buildings and fences.....	do.	167	187	180	180
Labor hired.....	do.	1,984	1,625	1,917	910
Taxes.....	do.	288	374	401	434
Other.....	do.	66	101	103	110
Inventory adjustment, machinery and buildings.	do.	-371	-131	-230	153
Total operating expenses.....	do.	7,519	8,595	9,422	7,229
Net farm income.....	do.	7,459	7,923	10,320	1,676
Purchasing power in 1947-49 dollars.....	do.	6,351	6,548	8,459	1,363
Charge for capital at current interest rates..	do.	2,948	4,505	4,848	5,315
Return per hour, operator and family labor....	do.	2.51	1.75	2.79	-1.97
Charge for capital at 4.1 percent interest ² ...	do.	2,370	3,399	3,659	3,997
Return per hour, operator and family labor....	do.	2.83	2.32	3.40	-1.25
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	110	132	59
Net farm income.....	---	100	106	138	22
Net farm production.....	---	100	107	126	52
Crop yields per acre.....	---	100	88	106	48
Production per hour of man labor.....	---	100	119	134	75
Production per unit of input.....	---	100	96	107	53
Operating expense per unit of production....	---	100	108	100	185
Total cost per unit of production.....	---	100	114	105	217
Power and machinery (quantity).....	---	100	120	122	121
Prices received for products sold.....	---	100	102	105	95
Prices paid, including wages to hired labor.	---	100	106	108	109

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 28.--Irrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	364	422	438	455
Cropland harvested.....	do.	300	302	305	276
Crops harvested:					
Cotton: nonirrigated.....	do.	24.9	37.7	34.8	31.1
irrigated.....	do.	108.6	126.2	123.2	134.4
Grain sorghum: nonirrigated.....	do.	105.0	85.8	88.7	54.6
irrigated.....	do.	57.4	48.5	54.6	53.2
Forage.....	do.	4.6	3.4	3.6	3.2
Crop yields per harvested acre:					
Cotton: nonirrigated.....	Pound	259	206	253	120
irrigated.....	do.	513	591	548	520
Grain sorghum: nonirrigated.....	Cwt.	12.4	11.0	12.9	4.8
irrigated.....	do.	29.5	32.8	38.5	36.0
Forage.....	Ton	2.4	3.1	3.7	2.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	7.1	5.8	5.5	5.6
Milk cows.....	do.	1.1	.7	.6	.6
Chickens.....	do.	44	24	21	19
Pigs raised.....	do.	12.9	8.4	6.4	6.5
Tractors on farm.....	do.	2.38	2.60	2.62	2.62
Total labor used.....	Hour	6,040	5,760	5,720	5,590
Operator and family.....	do.	2,330	2,440	2,390	2,450
Hired.....	do.	3,710	3,320	3,330	3,140
Total farm capital, Jan. 1.....	Dollar	102,540	130,840	139,450	151,520
Land and buildings.....	do.	86,560	113,100	121,330	132,860
Machinery and equipment.....	do.	14,520	16,430	16,890	17,460
Livestock.....	do.	940	880	830	740
Crops.....	do.	520	430	400	460
Total cash receipts.....	do.	26,122	33,398	33,160	29,029
Cotton, lint and seed.....	do.	20,639	27,679	26,013	22,848
Other crops.....	do.	4,284	3,898	5,573	3,944
Cattle.....	do.	329	288	212	215
Hogs.....	do.	423	298	155	178
Poultry and eggs.....	do.	169	70	58	48
Other, including Government payments.....	do.	278	1,165	1,149	1,796
Value of perquisites.....	do.	891	840	823	825
Change in inventory of crops and livestock.....	do.	-95	-111	30	-70
Gross farm income.....	do.	26,918	34,127	34,013	29,784

TABLE 28.--Irrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	14,539	17,180	16,828	17,129
Feed purchased.....	do.	176	115	109	102
Livestock expense.....	do.	51	43	39	40
Poison.....	do.	163	298	322	248
Irrigation expense.....	do.	2,112	2,637	2,262	2,844
Irrigation facilities.....	do.	581	540	548	585
Other crop expense.....	do.	917	1,389	1,427	1,516
Ginning.....	do.	2,022	3,187	2,961	2,856
Machinery.....	do.	4,393	4,914	5,030	5,034
Machine work hired.....	do.	521	544	582	429
Farm buildings and fences.....	do.	211	228	232	237
Labor hired.....	do.	2,896	2,594	2,588	2,466
Taxes.....	do.	398	540	574	614
Other.....	do.	98	151	154	158
Inventory adjustment, machinery and buildings.	do.	-593	-316	-322	-248
Total operating expenses.....	do.	13,946	16,864	16,506	16,881
Net farm income.....	do.	12,972	17,263	17,507	12,903
Purchasing power in 1947-49 dollars.....	do.	11,043	14,267	14,350	10,490
Charge for capital at current interest rates..	do.	5,627	7,587	8,052	8,729
Return per hour, operator and family labor....	do.	3.15	3.97	3.96	1.70
Charge for capital at 4.1 percent interest ² ...	do.	4,532	5,755	6,099	6,607
Return per hour, operator and family labor....	do.	3.62	4.72	4.77	2.57
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	127	126	111
Net farm income.....	---	100	133	135	99
Net farm production.....	---	100	122	118	109
Crop yields per acre.....	---	100	110	109	93
Production per hour of man labor.....	---	100	128	125	118
Production per unit of input.....	---	100	108	106	96
Operating expense per unit of production....	---	100	99	100	112
Total cost per unit of production.....	---	100	99	102	116
Power and machinery (quantity).....	---	100	105	104	105
Prices received for products sold.....	---	100	102	105	97
Prices paid, including wages to hired labor.	---	100	106	107	109

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 29.--Cotton-specialty crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	329	346	351	357
Cropland harvested.....	do.	312	320	318	321
Crops harvested:					
Cotton.....	do.	123	127	119	120
Alfalfa hay.....	do.	61	63	72	78
Potatoes.....	do.	79	66	73	62
Barley.....	do.	49	64	54	61
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	1,085	1,072	1,128
Alfalfa hay.....	Ton	5.0	5.1	5.5	5.7
Potatoes.....	Cwt.	294	320	330	365
Barley.....	Bushel	50.8	61.9	52.1	67.4
Total labor used.....	Hour	.12,720	12,380	12,680	12,530
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	10,120	9,780	10,080	9,930
Total farm capital, Jan. 1.....	Dollar	250,160	301,060	305,450	307,270
Land and buildings.....	do.	212,030	253,060	256,090	255,990
Irrigation system.....	do.	16,620	22,940	23,380	24,010
Machinery and equipment.....	do.	21,510	25,060	25,980	27,270
Total cash receipts.....	do.	102,582	107,141	104,389	138,231
Cotton, lint and seed.....	do.	45,805	52,425	49,802	54,300
Potatoes.....	do.	46,790	43,296	39,508	67,211
Alfalfa hay.....	do.	7,464	7,101	11,928	12,033
Barley.....	do.	2,523	4,319	3,151	4,687
Value of perquisites.....	do.	678	685	678	678
Gross farm income.....	do.	103,260	107,826	105,067	138,909

TABLE 29.--Cotton-specialty crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	70,462	78,373	82,022	81,231
Labor hired.....	do.	9,728	9,722	9,994	10,009
Poison.....	do.	1,524	2,114	2,038	2,051
Fertilizer.....	do.	4,046	4,591	4,178	3,965
Other crop expense.....	do.	8,447	6,474	7,458	7,213
Operating cost of machinery.....	do.	5,251	5,423	5,456	5,551
Machinery purchased.....	do.	4,341	5,886	5,917	5,978
Machine work hired.....	do.	21,040	22,515	25,446	24,258
Ginning.....	do.	4,180	5,333	4,924	5,374
Farm buildings.....	do.	215	252	249	249
Irrigation facilities.....	do.	1,654	2,221	2,263	2,324
Irrigation water.....	do.	5,385	8,211	8,401	8,497
Taxes.....	do.	3,002	3,682	3,665	3,687
Workmen's compensation.....	do.	624	871	922	942
Other.....	do.	1,025	1,078	1,111	1,133
Inventory adjustment, machinery and buildings.	do.	-79	-818	-678	-612
Total operating expenses.....	do.	70,383	77,555	81,344	80,619
Net farm income.....	do.	32,877	30,271	23,723	58,290
Purchasing power in 1947-49 dollars.....	do.	27,953	25,017	19,445	47,390
Charge for capital at current interest rates..	do.	14,049	18,352	18,629	18,742
Return to operator and family labor.....	do.	18,828	11,919	5,094	39,548
Charge for capital at 4.1 percent interest ² ...	do.	11,773	14,137	14,352	14,440
Return to operator and family labor.....	do.	21,104	16,134	9,371	43,850
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	104	102	135
Net farm income.....	---	100	92	72	177
Net farm production.....	---	100	102	106	109
Crop yields per acre.....	---	100	106	108	117
Production per hour of man labor.....	---	100	106	106	111
Production per unit of input.....	---	100	99	99	103
Operating expense per unit of production....	---	100	109	110	107
Total cost per unit of production.....	---	100	111	111	109
Power and machinery (quantity).....	---	100	114	116	117
Prices received for products sold.....	---	100	103	97	126
Prices paid, including wages to hired labor.	---	100	109	109	111

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 30.--Medium-sized cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	329	346	351	357
Cropland harvested.....	do.	312	320	312	321
Crops harvested:					
Cotton.....	do.	133	136	128	130
Alfalfa hay.....	do.	116	111	111	115
Barley.....	do.	45	44	39	41
Corn.....	do.	18	29	34	35
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	1,085	1,072	1,128
Alfalfa hay.....	Ton	5.0	5.1	5.5	5.7
Barley.....	Bushel	50.8	61.9	52.1	67.4
Corn.....	do.	57.0	62.0	64.1	68.2
Total labor used.....	Hour	9,880	9,860	9,620	9,790
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	7,280	7,260	7,020	7,190
Total farm capital, Jan. 1.....	Dollar	254,920	298,300	303,580	304,790
Land and buildings.....	do.	212,030	253,150	256,950	256,150
Irrigation system.....	do.	18,490	19,210	19,570	20,100
Machinery and equipment.....	do.	24,400	25,940	27,060	28,540
Total cash receipts.....	do.	67,867	74,129	77,396	83,248
Cotton, lint and seed.....	do.	50,067	56,141	53,566	58,827
Alfalfa hay.....	do.	14,056	12,520	18,373	17,738
Barley.....	do.	2,334	2,969	2,276	3,150
Corn.....	do.	1,410	2,499	3,181	3,533
Value of perquisites.....	do.	688	692	689	689
Gross farm income.....	do.	68,555	74,821	78,085	83,937

TABLE 30.--Medium-sized cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	41,117	47,564	46,586	48,653
Labor hired.....	do.	6,951	7,165	7,000	7,352
Poison.....	do.	1,528	1,717	1,630	1,658
Fertilizer.....	do.	2,520	3,272	2,897	2,980
Other crop expense.....	do.	1,578	1,641	1,685	1,785
Operating cost of machinery.....	do.	5,192	5,707	5,660	5,870
Machinery purchased.....	do.	4,956	5,540	5,485	5,778
Machine work hired.....	do.	2,402	3,727	3,850	4,071
Ginning.....	do.	4,553	5,711	5,297	5,822
Farm buildings.....	do.	214	217	216	216
Irrigation facilities.....	do.	1,837	1,827	1,862	1,912
Irrigation water.....	do.	5,061	5,801	5,814	5,937
Taxes.....	do.	3,059	3,728	3,643	3,657
Workmen's compensation.....	do.	441	642	646	692
Other.....	do.	825	869	901	923
Inventory adjustment, machinery and buildings..	do.	-79	-704	-618	-783
Total operating expenses.....	do.	41,038	46,860	45,968	47,870
Net farm income.....	do.	27,517	27,961	32,117	36,067
Purchasing power in 1947-49 dollars.....	do.	23,449	23,108	26,325	29,323
Charge for capital at current interest rates...	do.	13,992	17,860	18,129	18,248
Return to operator and family labor.....	do.	13,525	10,101	13,988	17,819
Charge for capital at 4.1 percent interest ²	do.	11,673	13,684	13,879	13,981
Return to operator and family labor.....	do.	15,844	14,277	18,238	22,086
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	109	114	123
Net farm income.....	---	100	102	117	131
Net farm production.....	---	100	106	102	111
Crop yields per acre.....	---	100	104	105	111
Production per hour of man labor.....	---	100	107	105	112
Production per unit of input.....	---	100	99	97	102
Operating expense per unit of production.....	---	100	107	110	106
Total cost per unit of production.....	---	100	107	111	106
Power and machinery (quantity).....	---	100	99	100	102
Prices received for products sold.....	---	100	103	112	111
Prices paid, including wages to hired labor..	---	100	106	105	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 31.--Large cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	1,201	1,269	1,286	1,305
Cropland harvested.....	do.	1,007	1,040	1,020	1,037
Fallow.....	do.	70	100	140	141
Crops harvested:					
Cotton.....	do.	426	443	417	423
Alfalfa hay.....	do.	286	271	289	298
Barley.....	do.	278	305	292	294
Corn.....	do.	17	21	22	22
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	1,085	1,072	1,128
Alfalfa hay.....	Ton	5.0	5.1	5.5	5.7
Barley.....	Bushel	50.8	61.9	52.1	67.4
Corn.....	do.	57.0	62.0	64.1	68.2
Total labor used.....					
do.	Hour	29,110	29,740	29,120	29,540
Operator and family.....					
Hired.....	do.	2,600	2,600	2,600	2,600
do.	do.	26,510	27,140	26,520	26,940
Total farm capital, Jan. 1.....					
do.	Dollar	865,990	1,028,060	1,045,310	1,045,430
Land and buildings.....					
do.	do.	758,570	912,200	925,260	920,300
Irrigation system.....	do.	41,870	46,390	47,270	48,540
Machinery and equipment.....	do.	65,550	69,470	72,780	76,590
Total cash receipts.....					
do.	do.	211,607	235,827	241,500	262,166
Cotton, lint and seed.....					
do.	do.	161,084	182,868	174,511	191,415
Alfalfa hay.....	do.	34,774	30,570	47,891	45,941
Barley.....	do.	14,418	20,579	17,039	22,590
Corn.....	do.	1,331	1,810	2,059	2,220
Value of perquisites.....					
do.	do.	1,017	1,028	1,023	1,023
Gross farm income.....					
do.	do.	212,624	236,855	242,523	263,189

TABLE 31.--Large cotton-general crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	130,320	152,905	150,617	156,085
Labor hired.....	do.	27,764	29,393	28,968	30,138
Poison.....	do.	4,628	5,467	5,208	5,285
Fertilizer.....	do.	7,635	10,434	9,056	9,202
Other crop expense.....	do.	6,305	6,529	6,549	6,779
Operating cost of machinery.....	do.	14,967	17,091	16,842	17,476
Machinery purchased.....	do.	15,598	13,180	13,732	14,031
Machine work hired.....	do.	4,160	10,965	11,507	12,104
Ginning.....	do.	14,545	18,601	17,255	18,943
Farm buildings.....	do.	1,037	1,047	1,043	1,043
Irrigation facilities.....	do.	5,692	4,396	4,480	4,600
Irrigation water.....	do.	14,171	19,005	19,062	19,373
Taxes.....	do.	10,444	12,495	12,544	12,545
Workmen's compensation.....	do.	1,783	2,634	2,674	2,836
Other.....	do.	1,591	1,668	1,697	1,730
Inventory adjustment, machinery and buildings.	do.	-2,721	-1,956	-2,016	-1,681
Total operating expenses.....	do.	127,599	150,949	148,601	154,404
Net farm income.....	do.	85,025	85,906	93,922	108,785
Purchasing power in 1947-49 dollars.....	do.	72,424	70,997	76,985	88,443
Charge for capital at current interest rates..	do.	47,493	61,236	62,151	62,290
Return to operator and family labor.....	do.	37,532	24,670	31,771	46,495
Charge for capital at 4.1 percent interest ² ...	do.	39,573	46,843	48,517	47,654
Return to operator and family labor.....	do.	45,452	39,063	45,405	61,131
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	111	114	124
Net farm income.....	---	100	101	110	128
Net farm production.....	---	100	108	103	112
Crop yields per acre.....	---	100	105	104	111
Production per hour of man labor.....	---	100	106	103	111
Production per unit of input.....	---	100	98	95	100
Operating expense per unit of production....	---	100	109	113	108
Total cost per unit of production.....	---	100	109	114	108
Power and machinery (quantity).....	---	100	100	101	103
Prices received for products sold.....	---	100	103	111	111
Prices paid, including wages to hired labor	---	100	106	106	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 32.--Peanut-cotton farms, Southern Coastal Plains: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	159	180	185	190
Cropland harvested.....	do.	62	73	74	70
Crops harvested:					
Cotton.....	do.	9.1	16.7	16.5	15.8
Corn ²	do.	33.2	31.8	32.9	29.1
Peanuts.....	do.	17.5	23.0	23.4	23.8
Peanut hay ³	do.	7.3	6.6	8.3	7.2
Crop yields per harvested acre:					
Cotton.....	Pound	377	400	516	456
Corn.....	Bushel	31.1	31.6	43.4	42.8
Peanuts.....	Pound	987	1,132	1,463	1,569
Peanut hay.....	Ton	.66	.77	.74	.77
Livestock on farm, Jan. 1:					
All cattle.....	Number	9.0	12.0	13.0	13.5
Milk cows.....	do.	1.8	.8	.6	.5
Beef cows.....	do.	2.9	5.5	6.1	6.3
Pigs raised.....	do.	43.8	48.7	51.8	49.7
Tractors on farm.....	do.	.89	1.08	1.12	1.15
Total labor used.....	Hour	3,470	3,590	3,870	3,450
Operator and family.....	do.	2,650	2,460	2,540	2,420
Hired.....	do.	820	1,130	1,330	1,030
Total farm capital, Jan. 1.....	Dollar	15,040	21,030	23,100	25,440
Land and buildings.....	do.	10,870	15,440	17,310	19,360
Machinery and equipment.....	do.	2,500	3,230	3,270	3,430
Livestock.....	do.	1,190	1,780	1,900	1,770
Crops.....	do.	480	580	620	880
Total cash receipts.....	do.	5,227	7,666	9,841	9,303
Cotton, lint and seed.....	do.	1,250	2,484	3,078	2,340
Peanuts.....	do.	1,653	2,711	3,708	4,047
Other crops.....	do.	574	509	959	787
Cattle.....	do.	323	438	547	401
Hogs.....	do.	1,101	1,278	1,321	1,260
Other livestock and livestock products.....	do.	133	16	16	15
Other, including Government payments.....	do.	193	230	212	453
Value of perquisites.....	do.	517	521	500	502
Change in inventory of crops and livestock....	do.	126	110	55	52
Gross farm income.....	do.	5,870	8,297	10,396	9,857

TABLE 32.--Peanut-cotton farms, Southern Coastal Plains: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	3,219	4,396	4,816	4,790
Feed purchased.....	do.	109	128	145	141
Livestock expense.....	do.	32	45	46	48
Seed.....	do.	284	478	469	466
Fertilizer and lime.....	do.	629	785	853	812
Poison.....	do.	94	378	366	370
Other crop expense.....	do.	15	23	25	28
Ginning.....	do.	80	180	239	202
Machinery.....	do.	1,256	1,442	1,576	1,648
Machine work hired.....	do.	185	247	304	388
Farm buildings and fences.....	do.	124	91	96	100
Labor hired.....	do.	319	472	566	446
Taxes.....	do.	77	108	111	120
Other.....	do.	15	19	20	21
Inventory adjustment, machinery and buildings.	do.	-109	4	-94	-114
Total operating expenses.....	do.	3,110	4,400	4,722	4,676
Net farm income.....	do.	2,760	3,897	5,674	5,181
Purchasing power in 1947-49 dollars.....	do.	2,352	3,221	4,651	4,212
Charge for capital at current interest rates..	do.	894	1,357	1,417	1,544
Return per hour, operator and family labor....	do.	.70	1.03	1.68	1.50
Charge for capital at 4.1 percent interest ⁴ ...	do.	708	999	1,094	1,188
Return per hour, operator and family labor....	do.	.77	1.18	1.80	1.65
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	141	177	168
Net farm income.....	---	100	141	205	188
Net farm production.....	---	100	138	178	169
Crop yields per acre.....	---	100	109	142	141
Production per hour of man labor.....	---	100	133	159	170
Production per unit of input.....	---	100	105	127	125
Operating expense per unit of production....	---	100	102	87	90
Total cost per unit of production.....	---	100	96	81	86
Power and machinery (quantity).....	---	100	115	117	120
Prices received for products sold.....	---	100	102	102	99
Prices paid, including wages to hired labor.	---	100	95	97	99

¹ Preliminary. ² Includes corn hogged-off. ³ Hay saved from peanuts picked and threshed.

⁴ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 33.--Tobacco farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1964, with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	91	94	95	96
Cropland harvested.....	do.	39.2	32.4	34.6	34.9
Other.....	do.	51.8	61.6	60.4	61.1
Crops harvested:					
Tobacco.....	do.	7.7	8.7	8.4	7.7
Corn.....	do.	20.3	14.7	17.3	17.0
Hay.....	do.	2.6	1.2	1.5	1.4
Other crops.....	do.	8.6	7.8	7.4	8.8
Crop yields per harvested acre:					
Tobacco.....	Pound	1,603	1,970	2,058	2,276
Corn.....	Bushel	40.7	60.0	58.2	63.4
Hay.....	Ton	1.2	1.0	1.0	1.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	1.2	1.2	1.2	1.2
Milk cows.....	do.	.3	.3	.3	.3
Chickens.....	do.	27	20	20	20
Brood sows.....	do.	1.4	1.3	1.4	1.4
Tractors on farm.....	do.	1.1	1.4	1.4	1.4
Total labor used.....	Hour	5,470	6,250	6,030	5,700
Operator and family.....	do.	2,520	2,590	2,530	2,420
Hired.....	do.	2,950	3,660	3,500	3,280
Total farm capital, Jan. 1.....	Dollar	32,690	39,970	40,750	41,370
Land and buildings.....	do.	28,110	34,590	35,340	35,900
Machinery and equipment.....	do.	3,400	4,350	4,390	4,480
Livestock.....	do.	550	510	510	460
Crops.....	do.	630	520	510	530
Total cash receipts.....	do.	8,503	12,203	12,018	12,194
Tobacco.....	do.	6,831	10,031	9,855	9,798
Corn.....	do.	630	706	846	956
Other crops.....	do.	498	672	581	622
Livestock and livestock products.....	do.	512	525	508	523
Other, including Government payments.....	do.	32	269	228	295
Value of perquisites.....	do.	556	573	590	637
Change in inventory of crops and livestock....	do.	11	-41	4	4
Gross farm income.....	do.	9,070	12,735	12,612	12,835

TABLE 33.--Tobacco farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1964, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Total cash expenditures.....	Dollar	5,269	6,353	6,522	6,427
Feed purchased and other livestock expense..	do.	117	115	120	118
Crop expense.....	do.	1,375	1,700	1,762	1,674
Machinery.....	do.	1,617	1,617	1,669	1,705
Farm buildings and fences.....	do.	227	282	346	352
Hired labor.....	do.	1,751	2,402	2,370	2,312
Taxes.....	do.	124	169	183	190
Other.....	do.	58	68	72	76
Inventory adjustment, machinery and buildings.	do.	-201	41	-9	-21
Total operating expenses.....	do.	5,067	6,394	6,513	6,406
Net farm income.....	do.	4,003	6,341	6,099	6,429
Purchasing power in 1947-49 dollars.....	do.	3,408	5,240	4,999	5,227
Charge for capital at current interest rates..	do.	1,928	2,566	2,616	2,649
Return per hour, operator and family labor....	do.	.82	1.46	1.38	1.56
Charge for capital at 4.1 percent interest ³ ...	do.	1,468	1,807	1,842	1,863
Return per hour, operator and family labor....	do.	1.01	1.75	1.68	1.89
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	140	139	141
Net farm income.....	---	100	158	152	161
Net farm production.....	---	100	132	134	136
Crop yields per acre.....	---	100	125	129	143
Production per hour of man labor.....	---	100	116	122	131
Production per unit of input.....	---	100	117	119	125
Operating expense per unit of production....	---	100	96	96	93
Total cost per unit of production.....	---	100	94	94	92
Power and machinery (quantity).....	---	100	112	111	111
Prices received for products sold.....	---	100	105	103	101
Prices paid, including wages to hired labor.	---	100	108	110	112

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 34.--Tobacco-cotton farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1964, with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	97	102	104	105
Cropland harvested.....	do.	43.8	42.3	42.5	41.1
Other land.....	do.	53.2	59.7	61.5	63.9
Crops harvested:					
Tobacco.....	do.	7.4	8.5	8.2	7.5
Cotton.....	do.	5.4	7.7	7.5	7.4
Corn.....	do.	19.3	14.4	16.1	15.1
Hay.....	do.	3.6	1.8	1.7	1.6
Other crops.....	do.	8.1	9.9	9.0	9.5
Crop yields per harvested acre:					
Tobacco.....	Pound	1,603	1,970	2,058	2,276
Cotton.....	do.	404	331	457	489
Corn.....	Bushel	40.7	60.0	58.2	63.4
Hay.....	Ton	1.2	1.0	1.0	1.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	1.6	1.5	1.5	1.5
Milk cows.....	do.	.5	.3	.3	.3
Chickens.....	do.	27	20	20	20
Brood sows.....	do.	1.3	1.2	1.3	1.3
Tractors on farm.....	do.	1.2	1.5	1.5	1.5
Total labor used.....	Hour	6,050	6,980	6,730	6,690
Operator and family.....	do.	2,620	2,720	2,650	2,600
Hired.....	do.	3,430	4,260	4,080	4,090
Total farm capital, Jan. 1.....	Dollar	34,770	43,130	44,290	44,920
Land and buildings.....	do.	29,980	37,540	38,690	39,270
Machinery and equipment.....	do.	3,560	4,630	4,660	4,740
Livestock.....	do.	580	490	510	460
Crops.....	do.	650	470	430	450
Total cash receipts.....	do.	8,895	12,884	12,979	12,908
Tobacco.....	do.	6,570	9,801	9,621	9,544
Cotton, lint and seed.....	do.	762	946	1,257	1,220
Corn.....	do.	607	806	895	851
Other crops.....	do.	485	681	594	557
Livestock and livestock products.....	do.	433	413	402	414
Other, including Government payments.....	do.	38	237	210	322
Value of perquisites.....	do.	593	595	616	664
Change in inventory of crops and livestock....	do.	20	-15	---	41
Gross farm income.....	do.	9,508	13,464	13,595	13,613

TABLE 34. --Tobacco-cotton farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1964, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Total cash expenditures.....	Dollar	5,789	6,972	7,192	7,283
Feed purchased and other livestock expense...	do.	111	99	104	105
Crop expense.....	do.	1,416	1,815	1,858	1,746
Machinery.....	do.	1,794	1,717	1,835	1,899
Farm buildings and fences.....	do.	242	295	357	372
Labor hired.....	do.	2,039	2,795	2,770	2,881
Taxes.....	do.	132	182	197	206
Other.....	do.	55	69	71	74
Inventory adjustment, machinery and buildings.	do.	-241	56	18	-32
Total operating expenses.....	do.	5,548	7,028	7,210	7,251
Net farm income.....	do.	3,960	6,436	6,385	6,362
Purchasing power in 1947-49 dollars.....	do.	3,371	5,319	5,234	5,172
Charge for capital at current interest rates...	do.	2,080	2,772	2,844	2,883
Return per hour, operator and family labor.....	do.	.72	1.35	1.34	1.34
Charge for capital at 4.1 percent interest ³	do.	1,588	1,952	2,003	2,030
Return per hour, operator and family labor.....	do.	.91	1.65	1.65	1.67
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	142	143	143
Net farm income.....	---	100	162	161	161
Net farm production.....	---	100	134	138	139
Crop yields per acre.....	---	100	121	128	141
Production per hour of man labor.....	---	100	116	124	125
Production per unit of input.....	---	100	118	121	123
Operating expense per unit of production.....	---	100	95	95	95
Total cost per unit of production.....	---	100	93	93	93
Power and machinery (quantity).....	---	100	113	111	111
Prices received for products sold.....	---	100	105	103	101
Prices paid, including wages to hired labor..	---	100	108	110	113

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 35.--Tobacco-livestock farms, Inner Bluegrass Area, Kentucky: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	204	216	217	222
Cropland harvested.....	do.	58	56	57	53
Pasture.....	do.	133	143	143	150
Crops harvested:					
Tobacco.....	do.	7.1	8.3	8.3	7.5
Corn for grain.....	do.	12.8	11.0	10.2	9.6
Small grains.....	do.	5.6	3.0	3.7	2.4
Alfalfa.....	do.	16.3	18.0	18.9	20.2
Other hay.....	do.	16.3	15.3	16.3	12.9
Crop yields per harvested acre:					
Tobacco.....	Pound	1,722	1,958	2,250	1,960
Corn for grain.....	Bushel	60	73	86	63
Wheat.....	do.	24	28	32	32
Alfalfa.....	Ton	2.8	2.5	3.1	3.0
Other hay.....	do.	1.4	1.5	1.8	1.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	37.9	49.8	55.4	58.2
Beef cows.....	do.	23.8	30.5	34.6	36.3
Ewes.....	do.	58.7	52.4	47.4	42.5
Brood sows.....	do.	2.8	2.8	2.9	2.7
Pigs raised.....	do.	34.4	34.8	32.0	30.9
Tractors on farm.....	do.	1.4	1.6	1.6	1.6
Total labor used.....	Hour	4,400	4,870	4,940	4,440
Operator and family.....	do.	2,630	2,920	2,960	2,660
Hired.....	do.	1,770	1,950	1,980	1,780
Total farm capital, Jan. 1.....	Dollar	90,030	102,960	106,930	111,630
Land and buildings.....	do.	77,570	88,560	91,570	96,350
Machinery and equipment.....	do.	4,650	5,300	5,420	5,490
Livestock.....	do.	5,770	7,190	7,910	7,610
Crops.....	do.	2,040	1,910	2,030	2,180
Total cash receipts.....	do.	12,810	15,117	17,109	14,078
Tobacco.....	do.	7,752	9,682	11,379	8,693
Cattle and calves.....	do.	2,783	3,289	3,859	3,589
Hogs and pigs.....	do.	739	769	645	695
Sheep and lambs.....	do.	928	907	855	866
Poultry and eggs.....	do.	31	15	8	7
Wool.....	do.	262	229	214	120
Other, including Government payments.....	do.	315	226	149	108
Value of perquisites.....	do.	1,310	1,438	1,471	1,527
Change in inventory of crops and livestock.....	do.	282	485	239	-81
Gross farm income.....	do.	14,402	17,040	18,819	15,524

TABLE 35.--Tobacco--livestock farms, Inner Bluegrass Area, Kentucky: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	7,353	9,204	9,017	8,668
Feed purchased.....	do.	345	1,098	741	1,369
Livestock purchased.....	do.	801	960	763	580
Other livestock expense.....	do.	167	188	196	186
Fertilizer and lime.....	do.	635	736	760	749
Other crop expense.....	do.	398	520	470	410
Machinery.....	do.	1,766	1,937	2,077	1,840
Farm buildings and fences.....	do.	801	830	920	670
Labor hired.....	do.	1,524	1,875	1,945	1,812
Taxes.....	do.	432	478	495	500
Other.....	do.	484	582	650	552
Inventory adjustment, machinery and buildings.....	do.	-62	---	16	326
Total operating expenses.....	do.	7,291	9,204	9,033	8,994
Net farm income.....	do.	7,111	7,836	9,786	6,530
Purchasing power in 1947-49 dollars.....	do.	6,057	6,476	8,021	5,309
Charge for capital at current interest rates....	do.	4,622	5,813	6,026	6,284
Return per hour, operator and family labor.....	do.	.95	.69	1.27	.09
Charge for capital at 4.1 percent interest ²	do.	3,800	4,371	4,529	4,721
Return per hour, operator and family labor.....	do.	1.26	1.19	1.78	.68
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	118	131	108
Net farm income.....	---	100	110	138	92
Net farm production.....	---	100	116	136	113
Crop yields per acre.....	---	100	112	129	112
Production per hour of man labor.....	---	100	105	121	112
Production per unit of input.....	---	100	105	120	105
Operating expense per unit of production.....	---	100	104	92	105
Total cost per unit of production.....	---	100	101	91	105
Power and machinery (quantity).....	---	100	104	102	99
Prices received for products sold.....	---	100	96	96	90
Prices paid, including wages to hired labor..	---	100	104	107	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 36.--Tobacco-dairy farms, Intermediate Bluegrass Area, Kentucky: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	111	115	115	116
Cropland harvested.....	do.	25	24	23	22
Pasture.....	do.	42	43	43	44
Crops harvested:					
Tobacco.....	do.	2.2	2.4	2.4	2.1
Corn for grain.....	do.	8.3	5.7	4.7	3.5
Alfalfa.....	do.	7.7	8.9	9.0	9.9
Other hay.....	do.	6.5	6.7	7.0	6.0
Crop yields per harvested acre:					
Tobacco.....	Pound	1,600	1,785	2,090	1,799
Corn for grain.....	Bushel	52	64	70	60
Alfalfa.....	Ton	2.0	2.0	2.0	1.6
Other hay.....	do.	1.3	1.6	1.6	1.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	17.1	18.2	18.4	19.3
Cows and heifers, 2 years old and over.....	do.	10.2	10.2	10.5	10.9
Milk production per cow.....	Pound	5,550	6,100	6,340	6,400
Tractors on farm.....	Number	.8	1.1	1.1	1.1
Total labor used.....	Hour	3,560	3,590	3,570	3,410
Operator and family.....	do.	3,380	3,410	3,370	3,220
Hired.....	do.	180	180	200	190
Total farm capital, Jan. 1.....	Dollar	19,390	22,730	22,960	25,040
Land and buildings.....	do.	13,810	16,100	16,330	18,330
Machinery and equipment.....	do.	2,630	2,990	3,000	3,010
Livestock.....	do.	2,260	2,770	2,780	2,740
Crops.....	do.	690	870	850	960
Total cash receipts.....	do.	4,268	4,937	5,614	5,106
Tobacco.....	do.	2,204	2,528	3,046	2,296
Dairy products.....	do.	1,412	1,620	1,852	2,020
Cattle and calves.....	do.	530	654	627	703
Poultry and eggs.....	do.	67	51	53	52
Other, including Government payments.....	do.	55	84	36	35
Value of perquisites.....	do.	591	607	623	635
Change in inventory of crops and livestock.....	do.	42	-32	168	-68
Gross farm income.....	do.	4,901	5,512	6,405	5,673

TABLE 36.--Tobacco-dairy farms, Intermediate Bluegrass Area, Kentucky: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	2,571	2,618	2,868	2,798
Feed purchased.....	do.	143	228	382	515
Livestock purchased.....	do.	27	22	20	19
Other livestock expense.....	do.	70	80	85	91
Fertilizer and lime.....	do.	241	292	302	284
Other crop expense.....	do.	122	154	175	148
Machinery.....	do.	1,133	1,110	1,220	1,064
Farm buildings and fences.....	do.	381	221	129	143
Labor hired.....	do.	146	161	183	181
Taxes.....	do.	101	115	116	126
Other.....	do.	207	235	256	227
Inventory adjustment, machinery and buildings.....	do.	-185	85	89	197
Total operating expenses.....	do.	2,386	2,703	2,957	2,995
Net farm income.....	do.	2,515	2,809	3,448	2,678
Purchasing power in 1947-49 dollars.....	do.	2,142	2,321	2,826	2,177
Charge for capital at current interest rates..	do.	1,489	1,314	1,336	1,452
Return per hour, operator and family labor....	do.	.30	.44	.63	.38
Charge for capital at 4.1 percent interest ² ...	do.	849	996	1,014	1,101
Return per hour, operator and family labor....	do.	.49	.53	.72	.49
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	112	131	116
Net farm income.....	---	100	112	137	106
Net farm production.....	---	100	114	128	110
Crop yields per acre.....	---	100	112	127	109
Production per hour of man labor.....	---	100	113	128	114
Production per unit of input.....	---	100	110	123	110
Operating expense per unit of production....	---	100	98	96	108
Total cost per unit of production.....	---	100	99	90	103
Power and machinery (quantity).....	---	100	98	100	95
Prices received for products sold.....	---	100	96	99	99
Prices paid, including wages to hired labor.	---	100	104	106	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 37.--Tobacco-dairy farms, Outer Bluegrass Area, Kentucky: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	126	132	134	136
Cropland harvested.....	do.	40	41	41	40
Pasture.....	do.	72	75	75	78
Crops harvested:					
Tobacco.....	do.	2.8	3.3	3.3	3.1
Corn for grain.....	do.	8.3	7.3	7.2	7.1
Corn for silage.....	do.	4.4	4.7	4.6	4.6
Small grains.....	do.	2.8	2.0	2.2	1.9
Alfalfa.....	do.	9.8	12.0	12.1	13.4
Other hay.....	do.	11.5	11.6	11.4	10.1
Crop yields per harvested acre:					
Tobacco.....	Pound	1,730	1,952	2,176	1,929
Corn for grain.....	Bushel	59	77	82	74
Corn for silage.....	Ton	10.2	14.4	18.2	14.0
Alfalfa.....	do.	2.4	2.5	2.8	2.6
Other hay.....	do.	1.4	1.4	1.6	1.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	24.9	30.1	31.8	33.1
Cows and heifers, 2 years old and over.....	do.	15.1	17.3	18.4	19.1
Brood sows.....	do.	1.4	1.3	1.3	1.2
Pigs raised.....	do.	16.7	17.8	17.1	15.5
Milk production per cow.....	Pound	6,760	7,080	7,390	7,680
Tractors on farm.....	Number	1.0	1.4	1.4	1.4
Total labor used.....	Hour	4,400	4,800	5,000	4,920
Operator and family.....	do.	3,870	4,070	4,250	4,180
Hired.....	do.	530	730	750	740
Total farm capital, Jan. 1.....	Dollar	35,620	42,710	44,470	49,280
Land and buildings.....	do.	26,060	31,020	32,290	36,450
Machinery and equipment.....	do.	4,790	5,590	5,840	6,140
Livestock.....	do.	3,480	4,700	4,890	4,780
Crops.....	do.	1,290	1,400	1,450	1,910
Total cash receipts.....	do.	8,207	10,031	11,165	11,067
Tobacco.....	do.	3,072	3,816	4,343	3,609
Dairy products.....	do.	3,930	4,741	5,344	5,792
Cattle and calves.....	do.	718	987	1,034	1,261
Hogs and pigs.....	do.	354	396	351	314
Poultry and eggs.....	do.	73	38	39	38
Other, including Government payments.....	do.	60	53	54	53
Value of perquisites.....	do.	839	899	911	969
Change in inventory of crops and livestock....	do.	216	215	543	-137
Gross farm income.....	do.	9,262	11,145	12,619	11,899

TABLE 37.--Tobacco-dairy farms, Outer Bluegrass Area, Kentucky: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	4,820	5,823	6,468	6,739
Feed purchased.....	do.	858	973	1,239	1,377
Livestock expense.....	do.	151	182	221	222
Fertilizer and lime.....	do.	308	425	460	451
Other crop expense.....	do.	200	256	297	262
Machinery.....	do.	1,898	2,207	2,415	2,459
Farm buildings and fences.....	do.	474	550	540	667
Labor hired.....	do.	411	630	666	679
Taxes.....	do.	180	210	218	238
Other.....	do.	340	390	412	384
Inventory adjustment, machinery and buildings	do.	-105	-107	-137	-163
Total operating expenses.....	do.	4,715	5,716	6,331	6,576
Net farm income.....	do.	4,547	5,429	6,288	5,323
Purchasing power in 1947-49 dollars.....	do.	3,788	4,487	5,154	4,328
Charge for capital at current interest rates..	do.	1,895	2,489	2,606	2,874
Return per hour, operator and family labor....	do.	.69	.72	.87	.59
Charge for capital at 4.1 percent interest ² ...	do.	1,569	1,891	1,983	2,184
Return per hour, operator and family labor....	do.	.77	.87	1.01	.75
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	120	136	128
Net farm income.....	---	100	119	138	117
Net farm production.....	---	100	124	139	130
Crop yields per acre.....	---	100	115	128	113
Production per hour of man labor.....	---	100	114	123	116
Production per unit of input.....	---	100	111	118	110
Operating expense per unit of production....	---	100	99	97	107
Total cost per unit of production.....	---	100	98	94	104
Power and machinery (quantity).....	---	100	108	110	112
Prices received for products sold.....	---	100	97	97	97
Prices paid, including wages to hired labor.	---	100	106	108	109

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 38.--Wheat-small grain-livestock farms, Northern Plains: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	705	730	740	750
Cropland harvested.....	do.	401	368	384	401
Fallow and idle.....	do.	140	211	214	189
Failure.....	do.	20	2	9	7
Crops harvested:					
Wheat.....	do.	142.2	126.9	129.5	147.7
Other small grains.....	do.	126.2	128.7	133.6	130.8
Flaxseed.....	do.	59.4	44.2	55.1	53.9
Hay.....	do.	59.3	56.3	54.1	56.8
Crop yields per harvested acre:					
Wheat.....	Bushel	17.8	31.3	22.3	26.9
Flaxseed.....	do.	5.1	13.1	8.9	9.7
Hay.....	Ton	.9	1.3	1.1	1.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	22.6	23.8	27.1	30.1
Milk cows.....	do.	5.8	4.4	3.6	3.3
Beef cows.....	do.	7.0	8.7	9.3	10.7
Chickens.....	do.	54	45	45	45
Pigs raised.....	do.	7.5	4.0	4.5	5.1
Tractors on farm.....	do.	2.17	2.30	2.30	2.35
Total labor used.....	Hour	2,840	2,660	2,540	2,550
Operator and family.....	do.	2,400	2,260	2,200	2,240
Hired.....	do.	440	400	340	310
Total farm capital, Jan. 1.....	Dollar	46,540	54,120	57,250	60,540
Land and buildings.....	do.	30,940	37,810	40,250	43,100
Machinery and equipment.....	do.	10,650	10,870	10,820	11,270
Livestock.....	do.	3,250	3,780	4,490	4,310
Crops.....	do.	1,700	1,660	1,690	1,860
Total cash receipts.....	do.	9,774	16,675	12,176	13,721
Wheat.....	do.	4,624	8,674	5,463	5,361
Other crops.....	do.	2,229	5,058	3,562	4,374
Livestock.....	do.	1,797	1,318	1,367	1,478
Butterfat.....	do.	526	414	323	296
Poultry and eggs.....	do.	148	119	131	140
Other, including Government payments.....	do.	450	1,092	1,330	2,072
Value of perquisites.....	do.	618	636	545	606
Change in inventory of crops and livestock.....	do.	-160	935	523	346
Gross farm income.....	do.	10,232	18,246	13,244	14,673

TABLE 38.--Wheat-small grain-livestock farms, Northern Plains: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	Average 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	5,862	5,585	5,778	6,151
Feed purchased.....	do.	65	50	51	51
Livestock expense.....	do.	66	71	47	90
Crop expense.....	do.	608	671	685	786
Machinery.....	do.	3,764	3,620	3,663	3,918
Farm buildings and fences.....	do.	287	62	279	279
Labor hired.....	do.	450	436	380	354
Taxes.....	do.	576	616	612	610
Other.....	do.	46	59	61	63
Inventory adjustment, machinery and buildings..	do.	-35	546	-156	-168
Total operating expenses.....	do.	5,827	6,131	5,622	5,983
Net farm income.....	do.	4,405	12,115	7,622	8,690
Purchasing power in 1947-49 dollars.....	do.	3,754	10,012	6,248	7,065
Charge for capital at current interest rates...	do.	2,444	3,108	3,274	3,468
Return per hour, operator and family labor.....	do.	.82	3.99	1.98	2.33
Charge for capital at 4.1 percent interest ²	do.	2,019	2,350	2,472	2,620
Return per hour, operator and family labor.....	do.	.99	4.32	2.34	2.71
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	178	129	143
Net farm income.....	---	100	275	173	197
Net farm production.....	---	100	174	129	158
Crop yields per acre.....	---	100	194	137	162
Production per hour of man labor.....	---	100	187	145	177
Production per unit of input.....	---	100	174	135	159
Operating expense per unit of production.....	---	100	60	74	64
Total cost per unit of production.....	---	100	61	79	68
Power and machinery (quantity).....	---	100	91	92	94
Prices received for products sold.....	---	100	101	94	80
Prices paid, including wages to hired labor..	---	100	103	103	105

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 39.--Wheat-corn-livestock farms, Northern Plains: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	506	530	540	550
Cropland harvested.....	do.	339	285	298	312
Fallow.....	do.	19	87	82	77
Failure.....	do.	15	11	5	8
Crops harvested:					
Wheat.....	do.	59.4	55.3	58.5	68.2
Other small grains.....	do.	105.5	84.0	81.7	81.7
Corn.....	do.	57.9	45.7	56.7	61.8
Flaxseed.....	do.	30.8	25.0	27.5	23.8
Hay.....	do.	85.1	75.0	73.7	76.6
Crop yields per harvested acre:					
Wheat.....	Bushel	17.4	21.6	13.5	15.8
Corn.....	do.	27.0	34.0	47.3	28.6
Flaxseed.....	do.	7.4	10.5	9.0	7.9
Hay.....	Ton.	1.1	1.5	1.3	1.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	46.5	52.4	58.0	63.2
Milk cows.....	do.	5.3	5.3	5.3	5.2
Beef cows.....	do.	14.6	18.6	20.2	22.6
Chickens.....	do.	114	102	95	88
All sheep.....	do.	15	15	15	14
Pigs raised.....	do.	31	24	25	26
Tractors on farm.....	do.	2.10	2.30	2.30	2.35
Total labor used.....	Hour	3,640	3,660	3,500	3,460
Operator and family.....	do.	3,360	3,490	3,340	3,320
Hired.....	do.	280	170	160	140
Total farm capital, Jan. 1.....	Dollar	48,670	56,180	60,610	63,080
Land and buildings.....	do.	29,860	36,810	39,750	42,850
Machinery and equipment.....	do.	8,990	8,250	8,370	8,470
Livestock.....	do.	6,980	8,550	9,950	9,280
Crops.....	do.	2,840	2,570	2,540	2,480
Total cash receipts.....	do.	9,338	10,231	10,447	9,477
Wheat.....	do.	1,870	2,480	1,444	1,647
Flaxseed.....	do.	603	701	655	504
Other crops.....	do.	1,627	1,331	1,946	961
Livestock.....	do.	3,973	3,972	4,392	4,214
Butterfat.....	do.	584	551	544	549
Poultry and eggs.....	do.	368	298	319	301
Other, including Government payments.....	do.	313	898	1,147	1,301
Value of perquisites.....	do.	625	599	562	587
Change in inventory of crops and livestock....	do	-128	1,227	544	303
Gross farm income.....	do.	9,835	12,057	11,553	10,367

TABLE 39.--Wheat-corn-livestock farms, Northern Plains: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	4,381	5,178	4,681	5,081
Feed purchased.....	do.	256	833	495	786
Livestock expense.....	do.	242	236	238	246
Crop expense.....	do.	459	528	523	601
Machinery purchased.....	do.	716	904	895	826
Other machinery expense.....	do.	1,409	1,532	1,343	1,419
Farm buildings and fences.....	do.	399	200	230	235
Labor hired.....	do.	231	153	147	132
Taxes.....	do.	618	722	738	759
Other.....	do.	51	70	72	77
Inventory adjustment, machinery and buildings.....	do.	381	190	161	224
Total operating expenses.....	do.	4,762	5,368	4,842	5,305
Net farm income.....	do.	5,073	6,689	6,711	5,062
Purchasing power in 1947-49 dollars.....	do.	4,328	5,528	5,501	4,115
Charge for capital at current interest rates..	do.	2,517	3,177	3,413	3,554
Return per hour, operator and family labor....	do.	.76	1.01	.99	.45
Charge for capital at 4.1 percent interest ² ...	do.	2,072	2,390	2,564	2,671
Return per hour, operator and family labor....	do.	.89	1.23	1.24	.72
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	123	117	105
Net farm income.....	---	100	132	132	100
Net farm production.....	---	100	104	103	94
Crop yields per acre.....	---	100	123	114	102
Production per hour of man labor.....	---	100	105	108	100
Production per unit of input.....	---	100	104	108	96
Operating expense per unit of production....	---	100	102	94	109
Total cost per unit of production.....	---	100	101	99	112
Power and machinery (quantity).....	---	100	87	87	85
Prices received for products sold.....	---	100	105	100	93
Prices paid, including wages to hired labor.	---	100	110	107	106

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 40.--Wheat-fallow farms, Northern Plains: Organization, production, costs and returns, 1964, with comparisons¹

Item	Unit	Average 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	761	836	855	874
Cropland harvested.....	do.	342	339	346	356
Fallow and idle.....	do.	200	248	256	267
Pasture and other land.....	do.	219	249	253	251
Crops harvested:					
Durum wheat.....	do.	13	45	43	53
Other spring wheat.....	do.	141	105	121	124
Other small grains.....	do.	110	107	111	106
Flaxseed.....	do.	24	12	17	16
Hay.....	do.	48	65	48	52
Crop yields per harvested acre:					
Wheat.....	Bushel	15.7	31.1	26.2	27.0
Flaxseed.....	do.	3.5	12.9	10.8	11.2
Hay.....	Ton	.90	1.38	1.22	1.36
Livestock on farm, Jan. 1:					
All cattle.....	Number	19.8	21.5	24.9	29.3
Milk cows.....	do.	3.4	2.9	3.0	2.8
Beef cows.....	do.	7.5	7.8	9.0	10.7
Chickens.....	do.	27	23	22	21
Pigs raised.....	do.	1.7	1.1	1.1	1.1
Tractors on farm.....	do.	1.95	2.00	2.00	2.00
Total labor used.....	do.	2,420	2,580	2,670	2,770
Operator and family.....	do.	2,180	2,340	2,470	2,590
Hired.....	do.	240	240	200	180
Total farm capital, Jan. 1.....	Dollar	44,270	55,200	59,150	63,810
Land and buildings.....	do.	32,280	42,670	45,700	50,080
Machinery and equipment.....	do.	8,230	7,950	7,890	8,020
Livestock.....	do.	2,590	3,360	4,130	4,190
Crops.....	do.	1,170	1,220	1,430	1,520
Total cash receipts.....	do.	7,512	15,472	13,378	12,488
Wheat.....	do.	4,194	9,523	7,981	6,377
Other crops.....	do.	1,156	3,408	2,978	2,822
Livestock.....	do.	1,368	1,061	1,041	1,131
Milk.....	do.	290	272	272	259
Poultry and eggs.....	do.	54	43	45	46
Other, including Government payments.....	do.	450	1,165	1,061	1,853
Value of perquisites.....	do.	449	542	512	538
Change in inventory of crops and livestock....	do.	-276	946	623	166
Gross farm income.....	do.	7,685	16,960	14,513	13,192

TABLE 40.--Wheat-fallow farms, Northern Plains: Organization, production, costs and returns, 1964, with comparisons¹--Continued

Item	Unit	AVERAGE 1951-59	1962	1963	1964 ²
Total cash expenditures.....	Dollars	4,488	6,399	5,351	5,729
Feed purchased.....	do.	75	39	42	45
Livestock expense.....	do.	68	56	59	85
Crop expense.....	do.	469	707	653	710
Machinery.....	do.	2,858	3,198	3,265	3,277
Farm buildings and fences.....	do.	100	1,275	208	445
Labor hired.....	do.	252	256	224	202
Taxes.....	do.	512	672	710	772
Other.....	do.	154	196	190	193
Inventory adjustment, machinery and buildings.....	do.	216	-705	89	-104
Total operating expenses.....	do.	4,704	5,694	5,440	5,625
Net farm income.....	do.	2,981	11,266	9,073	7,567
Purchasing power in 1947-49 dollars.....	do.	2,544	9,311	7,437	6,152
Charge for capital at current interest rates...	do.	2,314	3,172	3,376	3,636
Return per hour, operator and family labor.....	do.	.30	3.46	2.31	1.52
Charge for capital at 4.1 percent interest ³	do.	1,910	2,399	2,548	2,742
Return per hour, operator and family labor.....	do.	.48	3.79	2.64	1.86
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	221	189	172
Net farm income.....	---	100	378	304	254
Net farm production.....	---	100	203	183	193
Crop yields per acre.....	---	100	213	180	179
Production per hour of man labor.....	---	100	190	166	169
Production per unit of input.....	---	100	182	166	170
Operating expense per unit of production.....	---	100	61	64	63
Total cost per unit of production.....	---	100	60	67	67
Power and machinery (quantity).....	---	100	87	87	86
Prices received for products sold.....	---	100	109	102	82
Prices paid, including wages to hired labor..	---	100	107	109	110

¹ This is a new series, replacing the wheat-roughage-livestock farm, formerly published for this area. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 41.--Winter wheat farms, Southern Plains: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	739	800	810	820
Cropland harvested.....	do.	346	333	334	335
Crops harvested:					
Wheat.....	do.	191.0	215.1	215.9	231.3
Sorghum for grain.....	do.	89.2	51.0	58.8	44.1
Sorghum for forage.....	do.	21.5	21.3	21.5	17.7
Hay.....	do.	10.4	19.5	16.4	18.7
Crop yields per harvested acre:					
Wheat.....	Bushel	20.6	24.2	18.5	20.0
Sorghum for grain.....	do.	26.8	37.1	34.7	23.3
Hay.....	Ton	2.2	2.5	2.1	1.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	39.0	56.7	60.7	63.7
Milk cows.....	do.	2.8	2.7	2.4	2.7
Beef cows.....	do.	12.7	17.8	18.5	19.0
Chickens.....	do.	67	66	66	60
Pigs raised.....	do.	4.3	5.6	6.5	3.9
Tractors on farm.....	do.	2.03	2.22	2.23	2.23
Total labor used.....	Hour	2,780	2,970	2,860	2,850
Operator and family.....	do.	2,450	2,630	2,530	2,530
Hired.....	do.	330	340	330	320
Total farm capital, Jan. 1.....	Dollar	82,960	103,610	110,320	113,490
Land and buildings.....	do.	67,120	83,200	88,290	91,840
Machinery and equipment.....	do.	9,580	10,640	11,160	11,410
Livestock.....	do.	4,690	7,520	8,280	7,470
Crops.....	do.	1,570	2,250	2,590	2,770
Total cash receipts.....	do.	12,900	18,324	14,734	15,614
Wheat.....	do.	7,170	10,218	7,059	6,163
Other crops.....	do.	2,040	1,656	1,233	326
Cattle.....	do.	2,254	4,180	3,836	4,917
Hogs.....	do.	92	202	212	124
Other livestock and livestock products.....	do.	532	585	497	508
Other, including Government payments.....	do.	812	1,483	1,897	3,576
Value of perquisites.....	do.	711	718	812	793
Change in inventory of crops and livestock.....	do.	859	750	261	-1,780
Gross farm income.....	do.	14,470	19,792	15,807	14,627

TABLE 41.--Winter wheat farms, Southern Plains: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	5,508	7,008	6,865	5,903
Feed purchased.....	do.	329	383	408	401
Livestock expense.....	do.	407	791	601	334
Crop expense.....	do.	466	554	655	577
Machinery purchased.....	do.	1,198	1,596	1,432	1,227
Other machinery expense.....	do.	1,455	1,615	1,582	1,539
Farm buildings and fences.....	do.	594	495	544	99
Labor hired.....	do.	327	369	366	369
Taxes.....	do.	680	1,137	1,207	1,284
Other.....	do.	52	68	70	73
Inventory adjustment, machinery and buildings.	do.	-173	-278	-144	453
Total operating expenses.....	do.	5,335	6,730	6,721	6,356
Net farm income.....	do.	9,135	13,062	9,086	8,271
Purchasing power in 1947-49 dollars.....	do.	7,774	10,795	7,448	6,724
Charge for capital at current interest rates...	do.	4,243	5,793	6,165	6,334
Return per hour, operator and family labor.....	do.	2.00	2.76	1.15	.77
Charge for capital at 4.1 percent interest ²	do.	3,484	4,342	4,620	4,745
Return per hour, operator and family labor.....	do.	2.31	3.32	1.77	1.40
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	137	109	101
Net farm income.....	---	100	143	99	91
Net farm production.....	---	100	122	107	108
Crop yields per acre.....	---	100	126	91	90
Production per hour of man labor.....	---	100	117	106	108
Production per unit of input.....	---	100	110	98	100
Operating expense per unit of production.....	---	100	95	108	105
Total cost per unit of production.....	---	100	93	108	109
Power and machinery (quantity).....	---	100	105	106	104
Prices received for products sold.....	---	100	108	98	78
Prices paid, including wages to hired labor..	---	100	107	110	112

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 42.--Wheat-grain sorghum farms, Southern Plains: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	836	879	889	899
Cropland harvested.....	do.	389	355	307	287
Crops harvested:					
Wheat.....	do.	176	219	153	161
Barley.....	do.	10	21	3	1
Sorghum for grain.....	do.	171	87	115	102
Sorghum for forage.....	do.	24	19	26	14
Crop yields per harvested acre:					
Wheat.....	Bushel	20.5	21.9	13.9	15.2
Barley.....	do.	21.6	18.9	15.0	16.0
Sorghum for grain.....	do.	27.2	41.9	39.1	32.4
Sorghum for forage.....	Ton	2.2	2.6	2.8	2.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	34.8	64.7	72.5	79.0
Milk cows.....	do.	1.2	1.4	1.0	1.1
Beef cows.....	do.	9.0	12.2	16.2	17.0
Chickens.....	do.	37	26	26	26
Pigs raised.....	do.	3.9	6.5	4.9	5.1
Tractors on farm.....	do.	1.87	1.91	1.92	1.92
Total labor used.....	Hour	3,190	3,180	3,130	2,690
Operator and family.....	do.	2,700	2,700	2,650	2,250
Hired.....	do.	490	480	480	440
Total farm capital, Jan. 1.....	Dollar	95,360	118,240	125,910	133,610
Land and buildings.....	do.	81,110	97,570	103,120	111,480
Machinery and equipment.....	do.	8,900	10,640	11,100	10,910
Livestock.....	do.	4,200	8,530	9,850	9,350
Crops.....	do.	1,150	1,500	1,840	1,870
Total cash receipts.....	do.	12,063	19,367	16,072	17,050
Wheat.....	do.	6,310	9,151	3,969	3,234
Other crops.....	do.	3,759	3,042	3,142	2,464
Cattle.....	do.	1,468	4,453	5,662	6,539
Hogs.....	do.	68	178	202	166
Other livestock and livestock products.....	do.	146	157	47	45
Other, including Government payments.....	do.	312	2,386	3,050	4,602
Value of perquisites.....	do.	718	712	753	762
Change in inventory of crops and livestock.....	do.	1,250	1,340	651	-2,594
Gross farm income.....	do.	14,031	21,419	17,476	15,218

TABLE 42.--Wheat-grain sorghum farms, Southern Plains: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	7,407	10,841	10,107	7,476
Feed purchased.....	do.	132	417	288	313
Livestock expense.....	do.	1,277	2,783	2,996	1,045
Crop expense.....	do.	542	670	862	795
Machinery purchased.....	do.	1,321	1,724	1,159	1,077
Other machinery expense.....	do.	2,084	2,415	2,269	2,097
Farm buildings and fences.....	do.	529	863	489	55
Labor hired.....	do.	465	551	563	536
Taxes.....	do.	897	1,249	1,315	1,396
Other.....	do.	160	169	166	162
Inventory adjustment, machinery and buildings..	do.	-234	-563	345	793
Total operating expenses.....	do.	7,173	10,278	10,452	8,269
Net farm income.....	do.	6,858	11,141	7,024	6,949
Purchasing power in 1947-49 dollars.....	do.	5,827	9,207	5,757	5,650
Charge for capital at current interest rates...	do.	4,860	6,606	7,033	7,447
Return per hour, operator and family labor.....	do.	.74	1.68	0	.22
Charge for capital at 4.1 percent interest ²	do.	3,990	4,951	5,270	5,576
Return per hour, operator and family labor.....	do.	1.06	2.29	.66	.61
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	153	125	108
Net farm income.....	---	100	162	102	101
Net farm production.....	---	100	116	86	86
Crop yields per acre.....	---	100	115	73	73
Production per hour of man labor.....	---	100	116	88	102
Production per unit of input.....	---	100	106	86	86
Operating expense per unit of production.....	---	100	106	130	122
Total cost per unit of production.....	---	100	98	121	126
Power and machinery (quantity).....	---	100	112	108	104
Prices received for products sold.....	---	100	107	98	86
Prices paid, including wages to hired labor..	---	100	105	102	106

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 43.--Wheat-pea farms, Washington and Idaho: Organization, production, cost and returns, 1964, with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in farm.....	Acre	557	595	600	605
Cropland harvested.....	do.	371	393	390	371
Other cropland.....	do.	143	148	156	179
Crop harvested:					
Wheat.....	do.	168	150	178	176
Oats and barley.....	do.	104	94	81	60
Peas.....	do.	79	134	112	112
Hay.....	do.	19	16	19	22
Crop yields per harvested acre:					
Wheat.....	Bushel	46.8	55.1	51.4	60.2
Barley.....	do.	41.1	46.9	51.6	56.2
Peas.....	Cwt.	13.3	15.0	15.1	16.7
Livestock on farm, Jan. 1:					
All cattle.....	Number	15.1	16.0	17.3	17.3
Milk cows.....	do.	1.8	1.2	.9	.8
Chickens.....	do.	48	48	48	36
Pigs raised.....	do.	18	26	30	30
Tractors on farm.....	do.	2.31	2.78	2.80	2.80
Total labor used.....	Hour	3,480	3,480	3,500	3,630
Operator and family.....	do.	2,630	2,900	2,910	3,040
Hired.....	do.	850	580	590	590
Total farm capital, Jan. 1.....	Dollar	170,200	199,510	202,690	203,490
Land and buildings.....	do.	149,300	171,950	175,800	176,660
Machinery and equipment.....	do.	17,020	23,090	23,100	23,620
Livestock.....	do.	2,110	2,390	2,700	2,280
Crops.....	do.	1,770	2,080	1,090	930
Total cash receipts.....	do.	22,537	32,653	30,085	27,417
Wheat.....	do.	13,360	15,783	16,855	13,429
Peas.....	do.	3,853	9,770	7,242	7,272
Other crops.....	do.	3,128	3,653	3,220	2,811
Cattle.....	do.	880	785	1,007	552
Hogs.....	do.	560	931	967	936
Dairy products.....	do.	302	154	77	49
Other livestock and livestock products.....	do.	190	176	189	139
Other, including Government payments.....	do.	264	1,401	528	2,229
Value of perquisites.....	do.	1,043	896	903	929
Change in inventory of crops and livestock.....	do.	116	-967	-23	208
Gross farm income.....	do.	23,696	32,582	30,965	28,554

TABLE 43.--Wheat-pea farms, Washington and Idaho: Organization, production, costs and returns, 1964, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Total cash expenditures.....	Dollar	10,815	12,633	13,684	13,186
Feed purchased.....	do.	346	337	352	334
Livestock expense.....	do.	104	70	73	73
Crop expense.....	do.	1,786	3,540	3,817	3,590
Machinery purchased.....	do.	2,990	2,579	3,037	2,857
Other machinery expense.....	do.	2,838	3,122	3,166	3,207
Farm buildings and fences.....	do.	428	446	647	461
Labor hired.....	do.	1,117	944	979	1,006
Taxes.....	do.	1,037	1,373	1,394	1,441
Other.....	do.	169	222	219	217
Inventory adjustment, machinery and buildings.	do.	-577	489	-127	178
Total operating expenses.....	do.	10,238	13,122	13,557	13,364
Net farm income.....	do.	13,458	19,460	17,408	15,190
Purchasing power in 1947-49 dollars.....	do.	11,476	16,083	14,269	12,350
Charge for capital at current interest rates...	do.	8,983	11,250	11,449	11,478
Return per hour, operator and family labor.....	do.	1.70	2.83	2.05	1.22
Charge for capital at 4.1 percent interest ³	do.	7,166	8,457	8,609	8,629
Return per hour, operator and family labor.....	do.	2.39	3.79	3.02	2.16
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	137	131	121
Net farm income.....	---	100	145	129	113
Net farm production.....	---	100	115	117	128
Crop yields per acre.....	---	100	115	113	129
Production per hour of man labor.....	---	100	115	116	123
Production per unit of input.....	---	100	106	105	115
Operating expense per unit of production.....	---	100	103	106	96
Total cost per unit of production.....	---	100	101	103	94
Power and machinery (quantity).....	---	100	118	118	117
Prices received for products sold.....	---	100	109	104	82
Prices paid, including wages to hired labor..	---	100	105	105	106

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 44.--Wheat-fallow farms, Washington and Oregon: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in farm.....	Acre	1,352	1,400	1,430	1,460
Cropland harvested.....	do.	477	411	460	453
Summer fallow.....	do.	445	442	426	456
Other cropland.....	do.	45	154	151	157
Crops harvested:					
Winter wheat for grain.....	do.	279	235	298	298
Spring wheat for grain.....	do.	30	35	14	21
Other small grains.....	do.	152	124	133	119
All hay.....	do.	16	17	14	15
Crop yields per harvested acre:					
All wheat.....	Bushel	32.7	35.9	31.6	33.4
Barley.....	do.	33.9	37.5	34.0	37.4
Hay.....	Ton	1.5	1.5	1.4	1.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	30.8	33.0	35.0	36.0
Beef cows.....	do.	13.5	14.3	15.1	11.9
Pigs raised.....	do.	9.4	11.4	11.8	13.8
Tractors on farm.....	do.	1.53	2.00	2.02	2.04
Total labor used.....	Hour	3,660	3,620	3,730	3,740
Operator and family.....	do.	2,860	3,040	3,220	3,240
Hired.....	do.	800	580	510	500
Total farm capital, Jan. 1.....	Dollar	129,780	148,760	159,460	164,900
Land and buildings.....	do.	107,620	123,200	132,990	138,700
Machinery and equipment.....	do.	16,740	19,620	19,850	20,240
Livestock.....	do.	3,670	4,560	5,120	4,740
Crops.....	do.	1,750	1,380	1,500	1,220
Total cash receipts.....	do.	24,641	26,039	25,342	24,111
Wheat.....	do.	17,900	18,760	18,700	14,145
Barley.....	do.	3,295	2,917	2,856	2,848
Other crops.....	do.	542	503	402	460
Cattle.....	do.	1,837	1,899	1,772	1,893
Hogs.....	do.	318	337	375	448
Dairy products.....	do.	61	63	90	115
Other livestock and livestock products.....	do.	105	86	88	63
Other, including Government payments.....	do.	583	1,474	1,059	4,139
Value of perquisites.....	do.	775	753	744	745
Change in inventory of crops and livestock....	do.	-12	370	-89	-79
Gross farm income.....	do.	25,404	27,162	25,997	24,777

TABLE 44.--Wheat-fallow farms, Washington and Oregon: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	9,617	10,229	10,967	10,699
Feed purchased.....	do.	231	257	249	281
Livestock expense.....	do.	71	123	115	110
Crop expense.....	do.	1,739	1,798	2,075	2,032
Machinery purchased.....	do.	2,268	2,347	2,343	2,098
Other machinery expense.....	do.	2,619	2,846	2,983	3,101
Farm buildings and fences.....	do.	436	424	775	555
Labor hired.....	do.	1,248	941	830	828
Taxes.....	do.	924	1,397	1,498	1,593
Other.....	do.	81	96	99	101
Inventory adjustment, machinery and buildings.....	do.	-10	59	-245	242
Total operating expenses.....	do.	9,607	10,288	10,722	10,941
Net farm income.....	do.	15,797	16,874	15,275	13,836
Purchasing power in 1947-49 dollars.....	do.	13,474	13,945	12,520	11,249
Charge for capital at current interest rates....	do.	6,903	8,396	8,999	9,301
Return per hour, operator and family labor.....	do.	3.11	2.79	1.95	1.40
Charge for capital at 4.1 percent interest ²	do.	5,522	6,313	6,767	6,993
Return per hour, operator and family labor.....	do.	3.59	3.47	2.64	2.11
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	107	102	98
Net farm income.....	---	100	107	97	88
Net farm production.....	---	100	97	97	103
Crop yields per acre.....	---	100	105	93	100
Production per hour of man labor.....	---	100	98	95	101
Production per unit of input.....	---	100	94	91	97
Operating expense per unit of production.....	---	100	110	114	109
Total cost per unit of production.....	---	100	113	119	114
Power and machinery (quantity).....	---	100	105	103	102
Prices received for products sold.....	---	100	106	103	79
Prices paid, including wages to hired labor..	---	100	106	106	108

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 45.--Cattle ranches, Northern Plains livestock area: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in ranch.....	Acre	4,268	4,410	4,430	4,440
Cropland harvested.....	do.	265	250	262	255
Rangeland, pasture, and miscellaneous.....	do.	4,003	4,160	4,168	4,185
Crops harvested:					
Grains.....	do.	73.6	66.7	76.7	69.9
Tame hay.....	do.	81.3	69.2	72.0	79.4
Native hay.....	do.	97.8	106.6	95.9	94.0
Other crops.....	do.	11.8	7.0	17.2	11.4
Livestock on ranch, Jan. 1:					
All cattle.....	Number	135.0	129.5	142.4	166.6
Cows and heifers, 2 years old and over.....	do.	87.4	90.8	94.3	104.6
Chickens.....	do.	35	20	15	14
Horses.....	do.	3.7	3.9	4.1	4.6
Pigs raised.....	do.	11.2	11.9	11.5	10.6
Calf crop.....	Percent	84	86	87	85
Tractors on ranch.....	Number	1.23	1.21	1.21	1.21
Total labor used.....	Hour	3,940	3,720	4,020	4,290
Operator and family.....	do.	3,220	3,250	3,300	3,300
Hired.....	do.	720	470	720	990
Total ranch capital, Jan. 1.....	Dollar	75,100	83,510	89,260	90,370
Land and buildings.....	do.	46,370	50,660	52,830	53,950
Machinery and equipment.....	do.	7,890	7,830	7,730	7,700
Livestock.....	do.	18,110	21,900	25,510	25,300
Crops.....	do.	2,730	3,120	3,190	3,420
Total cash receipts.....	do.	10,258	10,554	10,086	12,228
Cattle.....	do.	7,830	8,914	7,706	9,569
Crops.....	do.	1,695	871	1,648	1,829
Other livestock and livestock products.....	do.	486	409	432	480
Other, including Government payments.....	do.	247	360	300	350
Value of perquisites.....	do.	1,054	1,091	998	912
Change in inventory of crops and livestock.....	do.	450	2,454	3,933	439
Gross ranch income.....	do.	11,762	14,099	15,017	13,579

TABLE 45. --Cattle ranches, Northern Plains livestock area: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	6,271	6,382	7,432	7,275
Feed and grazing fees.....	do.	316	498	301	420
Livestock purchased.....	do.	596	1,015	1,665	1,243
Other livestock expense.....	do.	127	135	151	174
Crop expense.....	do.	41	49	65	33
Machinery purchased.....	do.	1,604	1,181	1,440	1,350
Other machinery expense.....	do.	1,491	1,410	1,457	1,466
Ranch buildings and fences.....	do.	357	450	530	541
Labor hired.....	do.	500	370	574	792
Taxes.....	do.	856	950	997	1,007
Other.....	do.	383	324	252	249
Inventory adjustment, machinery and buildings..	do.	242	465	200	261
Total operating expenses.....	do.	6,513	6,847	7,632	7,536
Net ranch income.....	do.	5,249	7,252	7,385	6,043
Purchasing power in 1947-49 dollars.....	do.	4,469	5,993	6,053	4,913
Charge for capital at current interest rates...	do.	3,807	4,593	4,909	4,970
Return per hour, operator and family labor.....	do.	.45	.82	.75	.33
Charge for capital at 4.1 percent interest.....	do.	3,079	3,424	3,660	3,705
Return per hour, operator and family labor.....	do.	.67	1.18	1.13	.71
INDEX NUMBERS (1957-59 = 100):					
Gross ranch income.....	---	100	120	128	115
Net ranch income.....	---	100	138	141	115
Net ranch production.....	---	100	99	118	120
Range condition.....	---	100	99	103	99
Production per hour of man labor.....	---	100	105	116	111
Production per unit of input.....	---	100	98	111	109
Operating expenses per unit of production....	---	100	102	95	91
Total cost per unit of production.....	---	100	105	95	93
Power and machinery (quantity).....	---	100	89	87	84
Prices received for products sold.....	---	100	116	101	88
Prices paid, including wages to hired labor..	---	100	98	101	93

¹ Preliminary.

TABLE 46.--Cattle ranches, Intermountain Region: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in ranch.....	Acre	1,723	1,755	1,760	1,775
Cropland harvested.....	do.	175	196	187	187
Rangeland, pasture, and miscellaneous.....	do.	1,548	1,559	1,573	1,588
Crops harvested:					
Grains.....	do.	15.1	17.2	17.9	16.3
Tame hay.....	do.	70.2	76.5	76.1	72.9
Native hay.....	do.	87.4	100.3	91.3	95.9
Other crops.....	do.	2.0	2.0	2.0	2.0
Livestock on ranch, Jan. 1:					
All cattle.....	Number	266.7	284.4	289.9	297.9
Cows and heifers, 2 years old and over.....	do.	126.9	145.2	149.5	143.5
Chickens.....	do.	40	25	25	25
Horses.....	do.	8.3	7.7	7.5	7.0
Pigs raised.....	do.	2.0	1.9	1.9	1.8
Calf crop.....	Percent	84	84	85	83
Tractors on ranch.....	Number	.81	.90	.93	.95
Total labor used.....	Hour	5,010	5,140	5,120	5,140
Operator and family.....	do.	4,000	4,000	4,000	4,000
Hired.....	do.	1,010	1,140	1,120	1,140
Total ranch capital, Jan. 1.....	Dollar	72,850	89,910	95,550	92,330
Land and buildings.....	do.	31,220	37,730	39,780	41,710
Machinery and equipment.....	do.	5,140	6,190	6,530	6,810
Livestock.....	do.	32,820	41,190	45,110	39,240
Crops.....	do.	3,670	4,800	4,130	4,570
Total cash receipts.....	do.	15,594	17,285	16,147	12,496
Cattle.....	do.	15,371	17,100	15,971	11,833
Other livestock and livestock products.....	do.	97	41	30	19
Other, including Government payments.....	do.	126	144	146	644
Value of perquisites.....	do.	778	834	841	841
Change in inventory of crops and livestock....	do.	1,153	910	764	963
Gross ranch income.....	do.	17,525	19,029	17,752	14,300

TABLE 46.--Cattle ranches, Intermountain Region: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	6,187	7,322	7,818	7,619
Feed and grazing fees.....	do.	613	818	1,269	996
Livestock purchased.....	do.	464	507	429	377
Other livestock expense.....	do.	92	104	107	110
Crop expense.....	do.	87	114	127	126
Machinery purchased.....	do.	1,168	1,492	1,518	1,539
Other machinery expense.....	do.	1,283	1,386	1,379	1,362
Ranch buildings and fences.....	do.	217	235	240	250
Labor hired.....	do.	933	1,151	1,148	1,197
Taxes.....	do.	1,196	1,376	1,460	1,518
Other.....	do.	134	139	141	144
Inventory adjustment, machinery and buildings.....	do.	-71	-229	-199	-179
Total operating expenses.....	do.	6,116	7,093	7,619	7,440
Net ranch income.....	do.	11,409	11,936	10,133	6,860
Purchasing power in 1947-49 dollars.....	do.	9,711	9,864	8,306	5,577
Charge for capital at current interest rates..	do.	3,682	4,945	5,255	5,078
Return per hour, operator and family labor.....	do.	1.93	1.75	1.22	.45
Charge for capital at 4.1 percent interest.....	do.	2,987	3,686	3,918	3,786
Return per hour, operator and family labor.....	do.	2.11	2.06	1.55	.77
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	109	101	82
Net ranch income.....	---	100	105	89	60
Net ranch production.....	---	100	104	104	98
Range condition.....	---	100	101	101	99
Production per hour of man labor.....	---	100	102	102	95
Production per unit of input.....	---	100	100	99	93
Operating expense per unit of production....	---	100	111	117	123
Total cost per unit of production.....	---	100	111	115	122
Power and machinery (quantity).....	---	100	115	117	119
Prices received for products sold.....	---	100	104	95	81
Prices paid, including wages to hired labor.	---	100	109	110	111

¹ Preliminary.

TABLE 47.--Cattle ranches, Southwest: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in ranch.....	Acre	11,070	11,250	11,300	11,560
Cropland harvested.....	do.	18	9	11	5
Rangeland, pasture, and miscellaneous.....	do.	11,052	11,241	11,289	11,555
Livestock on ranch, Jan. 1:					
All cattle.....	Number	197.0	232.2	235.9	252.4
Cows and heifers, 2 years old and over.....	do.	138.1	150.7	153.7	159.8
Chickens.....	do.	22	15	10	5
Horses.....	do.	5.7	6.0	6.3	6.2
Pigs raised.....	do.	1.8	1.3	.1	0
Calf crop.....	Percent	79	82	81	80
Tractors on ranch.....	Number	.48	.49	.48	.46
Total labor used.....	Hour	3,450	3,690	3,750	3,830
Operator and family.....	do.	2,520	2,420	2,700	2,300
Hired.....	do.	930	1,270	1,050	1,530
Total ranch capital, Jan. 1.....	Dollar	141,700	164,700	179,190	188,200
Land and buildings.....	do.	112,160	126,640	139,390	149,410
Machinery and equipment.....	do.	3,780	4,830	5,330	5,640
Livestock.....	do.	24,620	31,510	32,860	31,000
Crops.....	do.	1,140	1,720	1,610	2,150
Total cash receipts.....	do.	13,198	16,296	12,525	14,733
Cattle.....	do.	12,737	15,796	11,893	14,168
Other livestock and livestock products.....	do.	171	130	342	225
Other, including Government payments.....	do.	290	370	290	340
Value of perquisites.....	do.	1,071	1,057	895	754
Change in inventory of crops and livestock....	do.	1,394	402	2,103	-2,089
Gross ranch income.....	do.	15,663	17,755	15,523	13,398

TABLE 47.--Cattle ranches, Southwest: Organization, production, costs, and returns 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	8,033	10,976	10,410	11,594
Feed and grazing fees.....	do.	1,029	1,646	2,135	3,990
Livestock purchased.....	do.	2,189	2,544	2,125	1,400
Other livestock expense.....	do.	121	151	158	156
Crop expense.....	do.	11	7	10	7
Machinery purchased.....	do.	1,126	1,583	1,315	936
Other machinery expense.....	do.	1,303	1,346	1,374	1,463
Ranch buildings and fences.....	do.	431	1,300	900	600
Labor hired.....	do.	535	851	742	1,115
Taxes.....	do.	888	1,041	1,147	1,247
Other.....	do.	400	507	504	680
Inventory adjustment, machinery and buildings..	do.	220	-872	-159	494
Total operating expenses.....	do.	8,253	10,104	10,251	12,088
Net ranch income.....	do.	7,410	7,651	5,272	1,310
Purchasing power in 1947-49 dollars.....	do.	6,302	6,323	4,321	1,065
Charge for capital at current interest rates...	do.	7,191	9,058	9,855	10,351
Return per hour, operator and family labor.....	do.	.09	-.58	-1.70	-3.93
Charge for capital at 4.1 percent interest....	do.	5,810	6,753	7,347	7,716
Return per hour, operator and family labor.....	do.	.63	.37	-.77	-2.79
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	113	99	86
Net ranch income.....	---	100	103	71	18
Net ranch production.....	---	100	110	102	101
Range condition.....	---	100	97	93	89
Production per hour of man labor.....	---	100	103	94	91
Production per unit of input.....	---	100	103	96	94
Operating expense per unit of production.....	---	100	109	119	132
Total cost per unit of production.....	---	100	106	120	125
Power and machinery (quantity).....	---	100	123	124	120
Prices received for products sold.....	---	100	102	95	78
Prices paid, including wages to hired labor..	---	100	107	112	115

¹ Preliminary.

TABLE 48.-- Sheep ranches, Northern Plains livestock area: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in ranch.....	Acre	6,303	6,638	6,700	6,820
Cropland harvested.....	do.	226	214	218	212
Rangeland, pasture, and miscellaneous.....	do.	6,077	6,424	6,482	6,608
Crops harvested:					
Grains.....	do.	76.9	66.5	72.5	66.2
Tame hay.....	do.	43.1	35.4	37.9	44.4
Native hay.....	do.	98.4	107.4	96.9	95.0
Other crops.....	do.	7.8	4.6	10.4	6.4
Livestock on ranch, Jan. 1:					
All sheep.....	Number	1,258	1,294	1,396	1,392
Breeding ewes.....	do.	1,060	1,137	1,193	1,217
All cattle.....	do.	20.8	25.1	27.6	32.3
Chickens.....	do.	35	20	18	15
Horses.....	do.	3.3	3.6	3.8	4.0
Pigs raised.....	do.	7.9	4.9	5.9	5.0
Lamb crop.....	Percent	86	87	89	85
Tractors on ranch.....	Number	1.29	1.22	1.22	1.23
Total labor used.....	Hour	8,210	7,020	7,480	6,800
Operator and family.....	do.	3,940	3,600	3,580	3,540
Hired.....	do.	4,270	3,420	3,900	3,260
Total ranch capital, Jan. 1.....	Dollar	92,430	95,350	100,850	104,440
Land and buildings.....	do.	58,890	66,020	67,200	72,530
Machinery and equipment.....	do.	7,000	6,660	6,730	6,930
Livestock.....	do.	24,970	21,520	25,480	23,810
Crops.....	do.	1,570	1,150	1,440	1,170
Total cash receipts.....	do.	21,081	22,154	25,718	25,328
Sheep.....	do.	11,204	11,675	14,397	13,931
Wool.....	do.	5,300	5,850	6,844	7,275
Wool payments.....	do.	2,329	2,013	2,206	1,301
Cattle.....	do.	961	1,516	826	1,568
Other livestock and livestock products.....	do.	411	229	317	234
Crops.....	do.	576	571	828	619
Other, including Government payments.....	do.	300	300	300	400
Value of perquisites.....	do.	975	1,012	942	978
Change in inventory of crops and livestocks....	do.	1,258	2,316	496	-739
Gross ranch income.....	do.	23,314	25,482	27,156	25,567

TABLE 48. --Sheep ranches, Northern Plains livestock area: Organization, production, costs and returns, 1964, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	12,586	15,615	14,949	14,585
Feed and grazing fees.....	do.	1,882	3,984	2,950	3,228
Livestock purchased.....	do.	1,033	1,966	1,436	1,113
Other livestock expense.....	do.	239	268	293	293
Crop expense.....	do.	14	15	29	20
Machinery purchased.....	do.	1,570	1,657	1,678	1,701
Other machinery expense.....	do.	1,491	1,409	1,429	1,486
Ranch buildings and fences.....	do.	522	970	1,180	1,200
Labor hired.....	do.	3,432	3,039	3,499	2,996
Taxes.....	do.	1,228	1,237	1,262	1,267
Other.....	do.	1,175	1,070	1,193	1,281
Inventory adjustment, machinery and buildings..	do.	125	-537	-754	-783
Total operating expenses.....	do.	12,711	15,078	14,195	13,802
Net ranch income.....	do.	10,603	10,404	12,961	11,765
Purchasing power in 1947-49 dollars.....	do.	9,037	8,598	10,624	9,565
Charge for capital at current interest rates...	do.	4,694	5,244	5,547	5,744
Return per hour, operator and family labor.....	do.	1.50	1.43	2.07	1.70
Charge for capital at 4.1 percent interest....	do.	3,790	3,909	4,135	4,282
Return per hour, operator and family labor.....	do.	1.73	1.80	2.47	2.11
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	109	116	110
Net ranch income.....	---	100	98	122	111
Net ranch production.....	---	100	103	123	106
Range condition.....	---	100	99	103	101
Production per hour of man labor.....	---	100	121	136	128
Production per unit of input.....	---	100	102	119	106
Operating expense per unit of production.....	---	100	103	90	99
Total cost per unit of production.....	---	100	98	88	99
Power and machinery (quantity).....	---	100	92	91	90
Prices received for products sold ²	---	100	96	94	99
Prices paid, including wages to hired labor..	---	100	98	104	102

¹ Preliminary. ² Including wool incentive payments.

TABLE 49.--Sheep ranches, Utah-Nevada: Organization, production costs and returns, 1964, with comparisons¹

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Land in ranch.....	Acre	10,159	10,200	10,220	10,240
Cropland harvested, pasture and farmstead.....	do.	129	131	132	133
Grazing land owned.....	do.	5,527	5,649	5,698	5,717
Grazing land rented.....	do.	4,503	4,420	4,390	4,390
Livestock on ranch, Jan. 1:					
All stock sheep.....	Number	2,276	2,141	2,182	2,217
Breeding ewes.....	do.	1,954	1,833	1,857	1,913
Lambs.....	do.	251	241	257	239
Rams and wethers.....	do.	71	67	68	65
All cattle.....	do.	13.1	12.9	13.0	13.9
Horses.....	do.	6.1	5.8	5.8	5.7
Lamb crop.....	Percent	88	90	88	85
Tractors on ranch.....	Number	.82	1.00	1.00	1.00
Total labor used.....	Hour	7,820	7,810	7,780	7,790
Operator and family.....	do.	3,700	3,700	3,700	3,700
Hired.....	do.	4,120	4,110	4,080	4,090
Total ranch capital, Jan. 1.....	Dollar	157,630	146,710	157,410	161,510
Land and buildings.....	do.	92,790	100,430	101,840	102,300
Machinery and equipment.....	do.	6,080	6,600	6,690	6,790
Livestock.....	do.	57,100	38,140	47,000	50,540
Crops.....	do.	1,660	1,540	1,880	1,880
Total cash receipts.....	do.	38,157	36,540	35,409	38,033
Sheep and lambs.....	do.	22,724	21,573	20,742	23,212
Wool.....	do.	9,763	10,259	10,108	11,372
Wool payments.....	do.	4,374	3,428	3,131	2,022
Other livestock and miscellaneous.....	do.	1,296	1,280	1,428	1,427
Value of perquisites.....	do.	704	617	681	655
Change in inventory of crops and livestock.....	do.	685	1,265	829	115
Gross ranch income.....	do.	39,546	38,422	36,919	38,803

TABLE 49.--Sheep ranches, Utah-Nevada: Organization, production costs and returns, 1964, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ²
Total cash expenditures.....	Dollar	21,364	23,617	23,932	24,411
Feed and grazing fees.....	do.	4,010	4,381	4,404	4,528
Livestock expense.....	do.	1,745	1,679	1,426	1,926
Shearing.....	do.	1,102	1,151	1,182	1,200
Contract trucking.....	do.	1,002	1,087	1,155	1,173
Machinery purchased.....	do.	1,639	1,690	1,708	1,691
Machinery operating costs.....	do.	1,107	1,185	1,171	1,144
Ranch buildings and fences.....	do.	648	745	790	797
Labor hired.....	do.	7,764	8,673	8,944	8,691
Taxes.....	do.	1,675	2,269	2,384	2,473
Other.....	do.	672	757	768	788
Inventory adjustment, machinery and buildings..	do.	-232	-232	-274	-239
Total operating expenses.....	do.	21,132	23,385	23,658	24,172
Net ranch income.....	do.	18,414	15,037	13,261	14,631
Purchasing power in 1947-49 dollars.....	do.	15,694	12,427	10,870	11,895
Charge for capital at current interest rates...	do.	7,904	8,069	8,658	8,883
Return per hour, operator and family labor.....	do.	2.84	1.88	1.24	1.55
Charge for capital at 4.1 percent interest.....	do.	6,463	6,015	6,454	6,622
Return per hour, operator and family labor.....	do.	3.23	2.44	1.84	2.16
INDEX NUMBERS (1957-59 100):					
Gross ranch income.....	---	100	97	93	98
Net ranch income.....	---	100	82	72	79
Net ranch production.....	---	100	100	101	99
Range condition.....	---	100	95	96	106
Production per hour of man labor.....	---	100	100	101	99
Production per unit of input.....	---	100	100	101	98
Operating expense per unit of production.....	---	100	110	111	116
Total cost per unit of production.....	---	100	107	109	113
Power and machinery (quantity).....	---	100	101	99	98
Prices received for products sold ³	---	100	98	93	99
Prices paid, including wages to hired labor..	---	100	110	111	114

¹ Two-band, desert-operated units. ² Preliminary. ³ Including wool incentive payments.

TABLE 50.--Sheep ranches, Southwest: Organization, production, costs and returns, 1964, with comparisons

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Land in ranch.....	Acre	13,365	13,510	13,520	13,540
Cropland harvested.....	do.	20	10	14	5
Rangeland, pasture, and miscellaneous.....	do.	13,345	13,500	13,506	13,535
Livestock on ranch, Jan. 1:					
All sheep.....	Number	1,255	1,309	1,256	1,219
Breeding ewes.....	do.	977	1,018	1,016	945
All cattle.....	do.	32.2	41.5	42.3	45.3
Goats.....	do.	90.7	107.2	107.7	109.5
Horses.....	do.	7.5	7.5	7.7	7.8
Chickens.....	do.	20	15	10	10
Lamb crop.....	Percent	76	77	77	73
Tractors on ranch.....	Number	.40	.41	.41	.41
Total labor used.....	Hour	5,360	5,540	5,410	5,210
Operator and family.....	do.	2,630	2,620	2,700	2,700
Hired.....	do.	2,730	2,920	2,710	2,510
Total ranch capital, Jan. 1.....	Dollar	191,660	209,430	219,400	222,840
Land and buildings.....	do.	163,310	181,330	192,410	195,360
Machinery and equipment.....	do.	4,720	4,690	4,940	5,080
Livestock.....	do.	22,720	22,660	21,430	21,440
Crops.....	do.	910	750	620	960
Total cash receipts.....	do.	19,278	20,158	18,405	16,898
Sheep and lambs.....	do.	9,220	8,875	7,817	6,947
Wool.....	do.	5,020	5,713	5,577	5,688
Wool payments.....	do.	2,239	1,859	1,633	948
Other livestock and livestock products.....	do.	2,527	3,401	3,178	3,015
Other, including Government payments.....	do.	272	310	200	300
Value of perquisites.....	do.	905	885	830	788
Change in inventory of crops and livestock.....	do.	1,143	-523	167	-577
Gross ranch income.....	do.	21,326	20,520	19,402	17,109

TABLE 50.--Sheep ranches, Southwest: Organization, production, costs and returns, 1964
with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1962	1963	1964 ¹
Total cash expenditures.....	Dollar	10,600	11,772	12,311	13,345
Feed and grazing fees.....	do.	1,649	1,888	2,902	4,068
Livestock purchased.....	do.	2,156	1,785	1,542	715
Other livestock expense.....	do.	264	417	454	652
Crop expense.....	do.	13	8	11	7
Machinery purchased.....	do.	986	1,244	1,003	1,034
Other machinery expense.....	do.	1,285	1,387	1,419	1,388
Ranch buildings and fences.....	do.	514	450	380	1,000
Labor hired.....	do.	1,876	2,552	2,503	2,333
Taxes.....	do.	1,094	1,209	1,287	1,345
Other.....	do.	763	832	810	803
Inventory adjustment, machinery and buildings	do.	1,251	893	1,165	506
Total operating expenses.....	do.	11,851	12,665	13,476	13,851
Net ranch income.....	do.	9,475	7,855	5,926	3,258
Purchasing power in 1947-49 dollars.....	do.	8,061	6,492	4,857	2,649
Charge for capital at current interest rates.	do.	9,727	11,519	12,067	12,256
Return per hour, operator and family labor...	do.	-.10	-.140	-.2.27	-.3.33
Charge for capital at 4.1 percent interest...	do.	7,858	8,587	8,995	9,136
Return per hour, operator and family labor...	do.	.61	-.28	-.1.14	-.2.18
INDEX NUMBERS (1957-59 100):					
Gross ranch income.....	---	100	96	91	80
Net ranch income.....	---	100	83	63	34
Net ranch production.....	---	100	102	95	80
Range condition.....	---	100	97	93	89
Production per hour of man labor.....	---	100	99	94	83
Production per unit of input.....	---	100	101	96	86
Operating expense per unit of production...	---	100	101	115	132
Total cost per unit of production.....	---	100	104	117	134
Power and machinery (quantity).....	---	100	97	95	95
Prices received for products sold ²	---	100	92	91	92
Prices paid, including wages to hired labor	---	100	103	113	117

¹ Preliminary. ² Including wool incentive payments.

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